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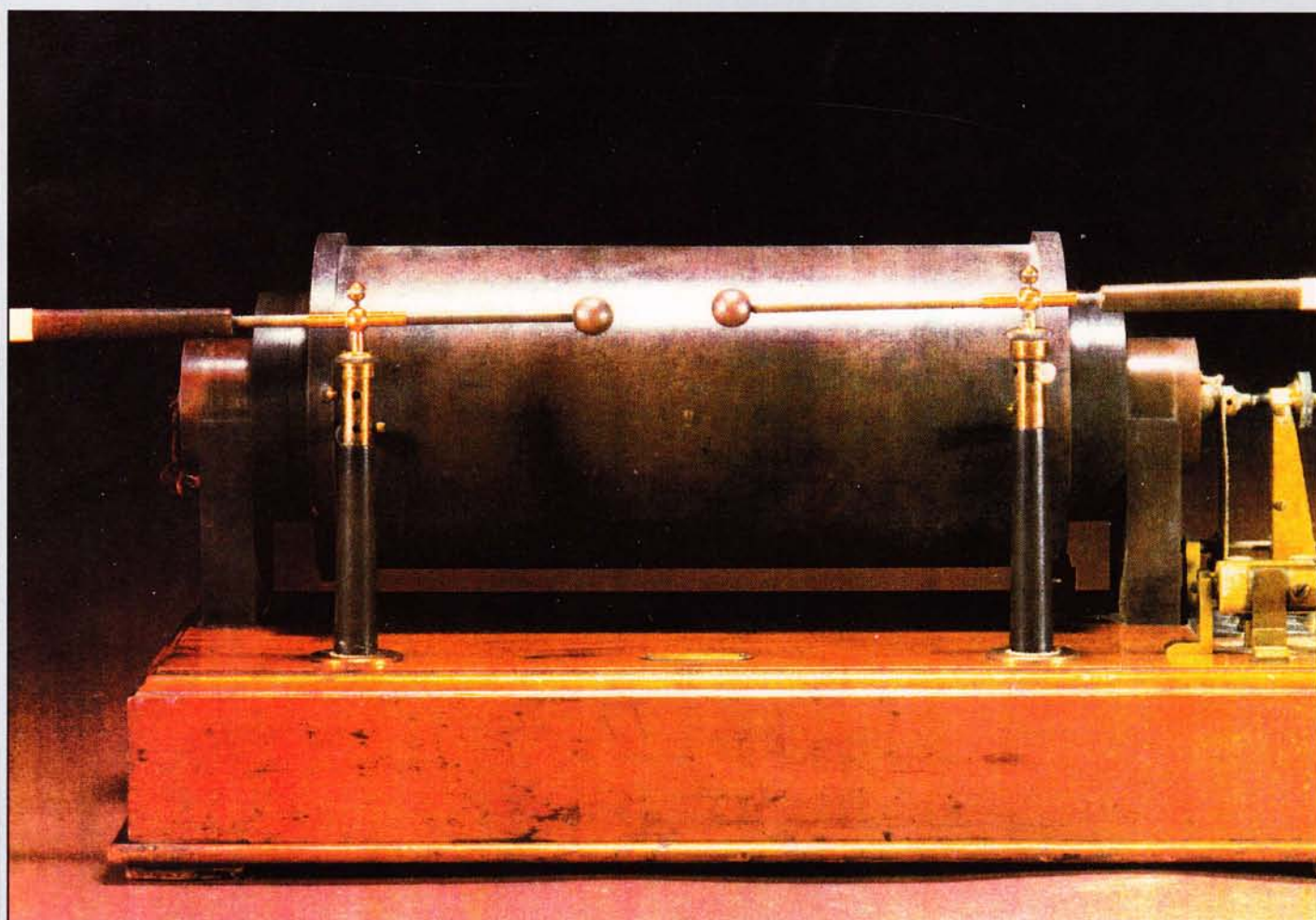
# QCWA JOURNAL

PUBLISHED QUARTERLY

VOLUME XLVIII

*Summer - 1999*

NUMBER 2



Quarter Century Wireless Association  
159 E. 16th Ave.  
Eugene, OR 97401-4017

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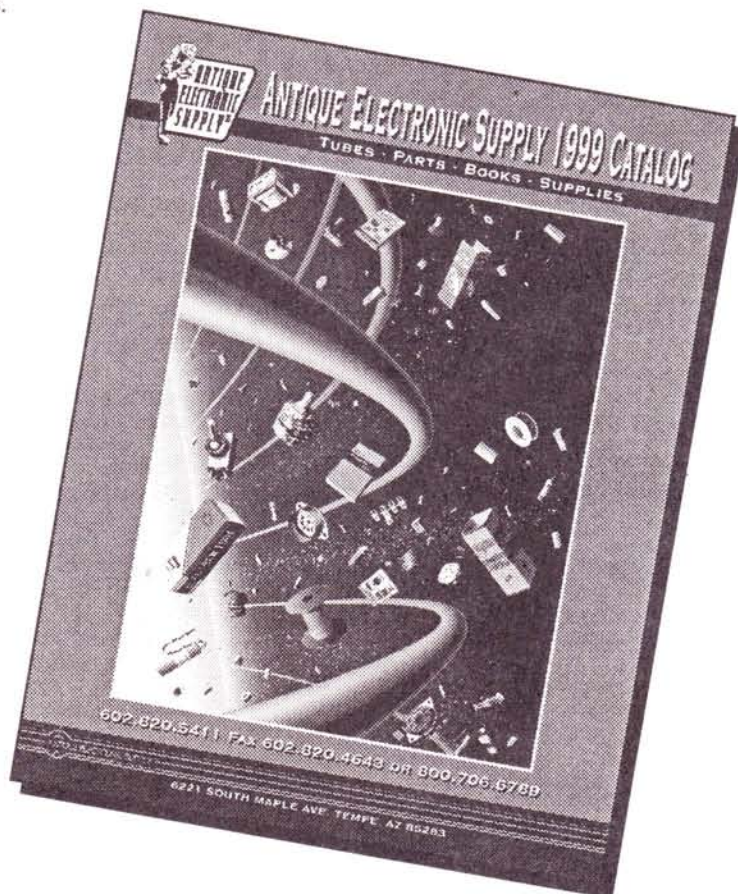


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# JOURNAL

Summer 1999/Vol. XLVIII No. 2

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SSB - Sunday at 2000Z on 14347  
CW - Wednesdays at  
2000E on 7035

QCWA JOURNAL is published four times a year (quarterly) by the Quarter Century Wireless Association, Inc. Membership ion QCWA, including a subscription to the Journal, is available to individuals who qualify in the United States and its possessions at the following rates: \$20 for one year; \$35 for two years; \$50 for three years; and \$300 for life. For foreign membership rates, please contact the business office.

**POSTMASTER:** Please send change of address to QCWA, Inc., 159 E. 16th Ave., Eugene, OR 97401-4017.

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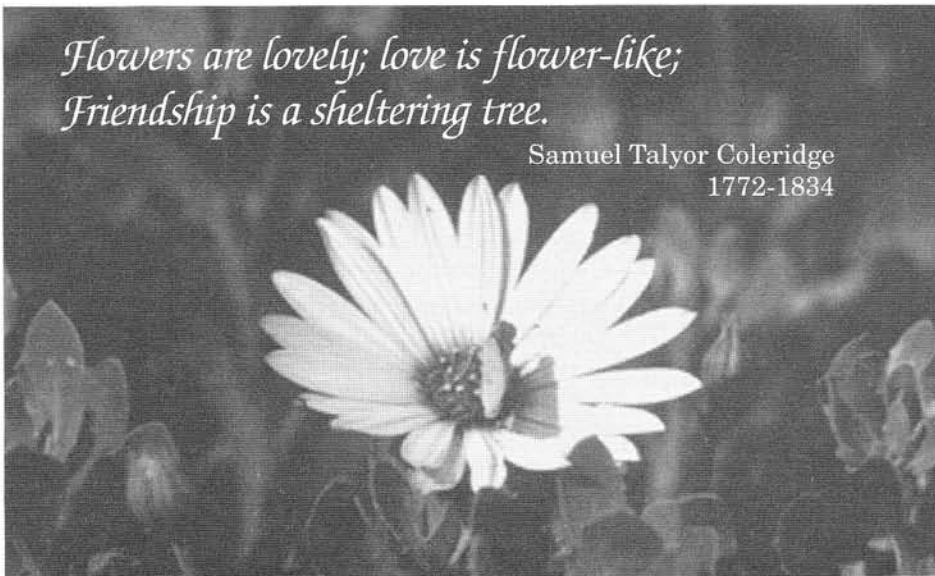
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Cover: A Marconi Spark Transmitter built in 1898 that is on display at the Marconi Museum in Bedford, New Hampshire. See story on page 46.

*Flowers are lovely; love is flower-like;  
Friendship is a sheltering tree.*

Samuel Talyor Coleridge  
1772-1834





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THOSE WHO HAVE SERVED

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John DiBlasi, W2FX (SK)	1947 - 1964
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Clarence Seid, W2KW	1969 - 1971
Barry Goldwater, K7UGA	1972 - 1973
Frank A. Gunther, W2ALS	1974 - 1977
Harry S. Gartsman, W6ATC	1978 - 1981
Stuart Meyer, W2GHK (SK)	1982 - 1985
Leland Smith, W5KL	1986 - 1989
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Lew McCoy, W1ICP	1994 - 1996
John Kelleher, W4ZC	1996 - 1998

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Ralph Barber, W2ZM (SK)	1955 - 1964
Gus Gironda, W2JE (SK)	1965 - 1973
Ethel Smith, K4LMB (SK)	1974 - 1976
Ted Heithecker, W5EJ (SK)	1976 - 1991

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MA 01002 (October 1-May  
1), 6002 N. Fremont, Tampa,  
FL 33604, 813-870-0867.





## The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a non-commercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed.

Membership inquiries and general correspondence should be addressed to the business office at 159 E. 16th Ave., Eugene, OR 97401-4017 USA. Telephone, 541-683-0987. Fax/BBS, 541-683-4181.

## From the President

Gary R. Harrison, KØBC



**T**he spring QSO party is now history. I hope everyone that participated has mailed the paperwork. I was not able to get on the air as much as I wanted to, but I did manage to work a few stations. Now I will mark my calendar for the second QSO party on September 19 and plan for more operating.

My wife, Carolyn WBØOUM, and I visited with some of the Florida chapters in February. We spent several days traveling and visiting. We want to thank all of the chapters that allowed us to join them for their meeting.

I have received some comments from members about the "Quiz" we ran in the Journal. All of the comments to this point were favorable. Maybe if the material is available we can do this again. Winners of the Quiz will be published as soon as all of the verifying is completed.

The Nominating Committee for QCWA Board members is looking for candidates. If you are interested in helping QCWA please let us know. You may submit your name or suggestions for candidates to Headquarters or to the Chairman of the committee, Leland Smith. If someone on the committee asks you to serve, please give it serious thought.

The hamfest season is going good and I hope you or your chapter is planning a table for your local event. Material is available from Headquarters to help spread the word about QCWA. Several of the Officers and Directors have been trying to help with the recruiting tables at hamfests. Let us know and we will try to support your efforts as much as possible.

Come and see your friends and meet some new ones in St. Louis at the QCWA Convention. This Journal has a registration blank and it is not too late. All of the Officers and Directors will be there. Chapter 19 is working hard to make your Convention a memorable one. See you there!

We would like to hear more from the members about anything. Please let the Officers, Directors and the General Manager know what you think about how we are doing with your Association. All of us would welcome comments or suggestions at any time. Look at page two in this Journal for our addresses.

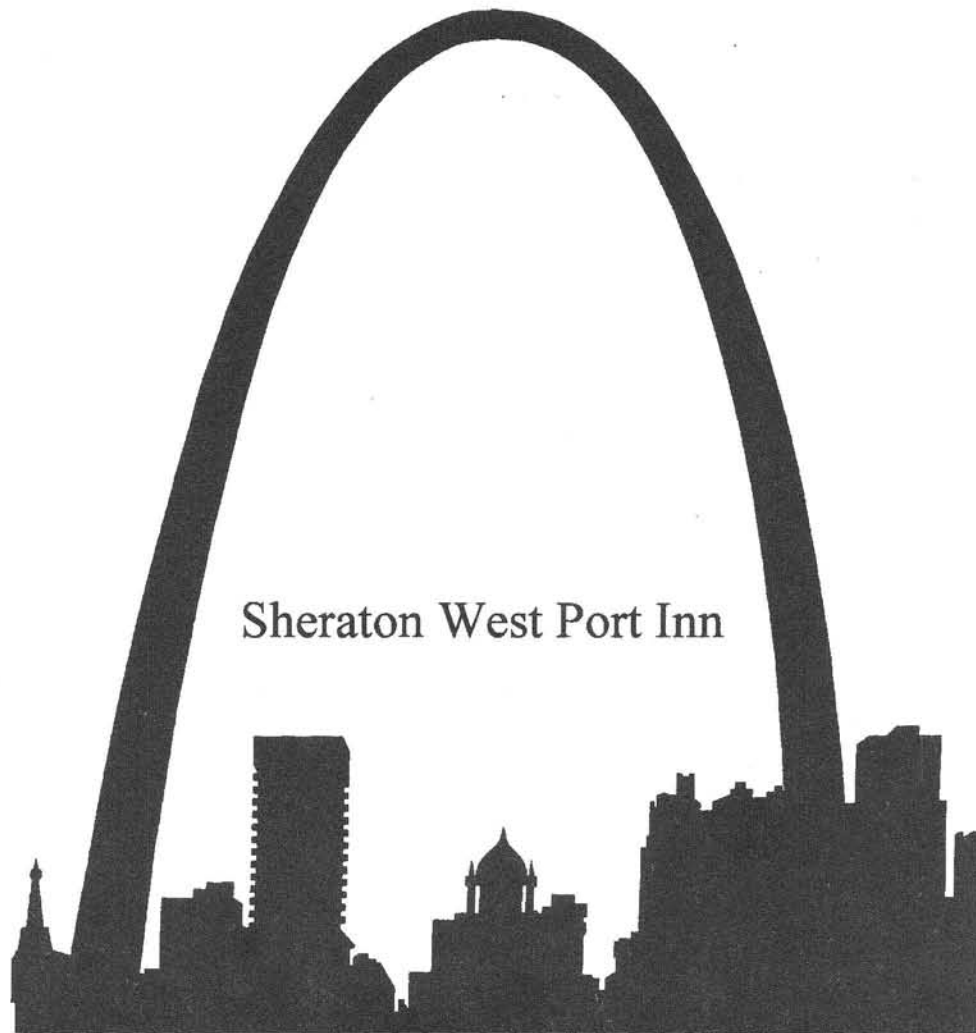
Gary Harrison, KØBC President

### CANADIAN QCWA MEMBERS

*Canadian members pay separately for their journal publication. The increase in postage to Canada along with increased publication costs has made it necessary to increase the publication charge to \$25.00 US for the three-year Canadian subscription. The increase is effective July 1, 1999.*

# **Meet me in St. Louie, Louie**

September 24 & 25, 1999



**1999 QCWA National Convention**  
**Missouri Chapter 19 will**  
**“Show You St. Louis”**



**Convention Hotel** There are two Sheraton Hotels in the West Port Plaza complex. All convention activities will take place at the beautiful Sheraton West Port Inn that overlooks the lake and the 150-foot high geyser fountain. There are lighted walking paths around the lake and complex for those who want to take a stroll. Ask for the QCWA special room rate of \$89.00 per night. This rate also applies to the three days before and after the convention. Make your reservations directly with the Sheraton West Port Inn, 191 West Port Plaza, St. Louis, MO 63146, 314-878-1500.

**West Port Plaza** The plaza contains 20 restaurants ranging from "fast food" to some of the best steaks and seafood in the area. American, Japanese, Italian, Irish, German and Continental cuisine is available within walking distance. The plaza is a little West and South of Lambert St. Louis International airport and free shuttle service is available.

**The Big Picture** For your planning purposes here is an overview of the agenda:  
Thursday: Directors meet, Convention registration begins, Hospitality suite opens.  
Friday: Convention Forums, Tours, Hospitality suite, Get acquainted party with cash bar.  
Saturday: Convention Forums, Tours, Hospitality suite, Banquet, Awards, Guest speaker

**Tours** Thursday: Shopping and lunch at the Galleria for Director's spouses.  
Friday afternoon: Sit-down lunch, guided tour of St. Louis, stop at the Gateway to the West museum and ride to the top of the arch (optional) for a spectacular view of the city.  
Saturday afternoon: Lunch (on your own) and shopping at the historic train station.

**Registration** Register now by completing the form below. Registration fee includes all forums, morning and afternoon refreshments, Friday evening "Get Acquainted" party (cash bar for drinks) and hospitality suite. There is no convention registration charge for a non-member spouse or guest.

### 1999 QCWA National Convention, September 24 & 25, St. Louis, MO

Name \_\_\_\_\_ Call \_\_\_\_\_ QCWA # \_\_\_\_\_  
Spouse/Guest Name \_\_\_\_\_ Call \_\_\_\_\_ QCWA # \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

	Number	Cost Each	Amount
Member registration		\$15.00	
Non-member Spouse/Guest		Free	No charge
Banquet Dinner: Chicken Roulade		\$25.00	
Banquet Dinner: Filet Mignon		\$30.00	
Friday lunch and guided tour of city		\$32.00	
Ride to the top of the Arch on tour		\$6.00	
Sat. trip to Historic Train Station		\$12.25	
		Total	

Please make checks payable to: QCWA National 99 and mail to the Registration Chair:

Mr. Russ Poe, WAØRWF, 1717 Janet Place, Kirkwood, MO 63122

Questions? Contact chairman: Roger H Volk, KØGOB, e-mail: [rvolk@gatewaygrp.com](mailto:rvolk@gatewaygrp.com)

See QCWA web site at [www.qcwa.org](http://www.qcwa.org) for maps and more details



## Gen. Manager's Report

Jim Walsh, W7LVN

A few remarks this time about "CARE" packages since we have received some questions. These are packages of materials made up for Chapters that have a display and table at a hamfest. Applications, extra Journals, Caps, Patches, Decals are included. Some of these you can sell and other items are for use at the booth. When through, you account for what you have sold and return the receipts and unsold material to headquarters. We have been doing this for a number of years and the program has been well received.

In the package are order forms for nametags and QSL cards. A new item is a display for the T/Shirts and Golf Shirts along with order forms for members to use at the booth site. Operating a booth at a hamfest is a fun thing and you get to meet all kinds of neat people. Give it a try.

For those who are interested, we are involved in a scanning project to record all of our applications on a CD ROM disk. We are now well into the 5000 number and have emptied the first file drawer for better use in the office. There now remains 10 drawers to work on. Just think, some 4800 applications now on a disk in a plastic case measuring about 5" square and 3/8" thick.

We are really crowded with materials in the office. When we solve your query to us it is destroyed, for there is no space to file those types of things. If you should come back at a later date and seek additional information, remind us of the subject matter in your request. Also, please include your call, along with your name when communicating with headquarters.

Let us have a great season of hamfests this year. We still have a lot of people to reach out there.

Jim, W7LVN

## Memorial Scholarship Fund Donations

NAME	HONORING
STEPHEN S BARNES	
WILLIAM G. HESSLER	W8LIH
ESTELLE WYZGA	K4OBD
JAMES D. BRADLEY	
PETER R DE BRUYN	
CHAPTER 79	W0SPF
CHAPTER 121	W3TNP
CARL A FELT JR	CH.77'S SILENT KEYS
HAROLD & ROXIE DEAN	K7KPI
CHAPTER 154	W0GFQ SCHOLARSHIP
ROBERT J ZAREMBA	K7KPI
LORENE T BABCOCK	K7KPI
CHAPTER 53	W8DGU, W8BNS, W8FKL
DON DOUGHTY	
CHAPTER 126	K4BPH
ED & DORIS KOPP	K7KPI
MARC T CAMPBELL, JR	W0FIR
CHAPTER 150	
WALLY CHEESMAN	K7KPI
CHAPTER 32	W4BN
CHAPTER 12	W4IYT & KF4PR
CHAPTER 148	K1BUM
WALTER M. HONEA	
PATRICK SWEENEY	W4NZJ
DON M HIRSCHER	
CHAPTER 120	W7FHW
CHAPTER 45	K4KQ
CHAPTER 45	WA4VCK

### 100 QCWA Member Certificate

John McKinney, WØAP reports that they have issued a 100 QCWA Member certificate to Richard Kaplan, WB2CUT, for his efforts in making contact with 100 QCWA members. What is so unusual about the award? This is the result of having worked all 100 stations on 2 meters. Not only did he work them on 2 meters, but modes were sideband and AM. His efforts took almost 27 years.

How many have you worked?

### Directory Update

As planned and announced a year ago, about 1/3 of the call areas in the Directory will be updated in June. There will be a charge to cover the printing and mailing expenses. It is anticipated to be about \$4.00 to \$5.00.

In order to plan the printing order, it is necessary for you to indicate your desire to order a copy. Please send your call and name (with e-mail address if available) as soon as possible. Once the printing quantity and costs are determined, QCWA Headquarters will notify you of the directory cost.





## Old Men & Smokers From Wes W9ZXX

Dear Editor,

For a long time our logo has offended me. To me, it implies that smoking is all right for "old men". Nothing could be further from the truth. Stopping at any age is beneficial. With all the education going on today, I don't believe that we should support smoking, even tacitly.

I propose that a contest for a new logo be conducted and a prize given to the winner.

Additionally, I don't like the implication that you need to be old to join QCWA, I joined at age 39.

There will be those who will not agree with me. I welcome debate

Sincerely, Wes, W9ZXX

*Dear OM - 'Tis not the first time we heard from the anti-smoking members. However, the issue has never reached critical mass since the genesis of the logo is nearly as old as QCWA itself. The QCWA has long indicated that they do not condone smoking in any fashion. As for the connotation of "Old", that word evolved from the shortcut "OM" as a friendly term of reference for one another. Think of it as saying, "Hello my old friend". Ger//*

## 91 BIG Ticks - From Laughter B. Reed W4DXB

Dear Sirs:

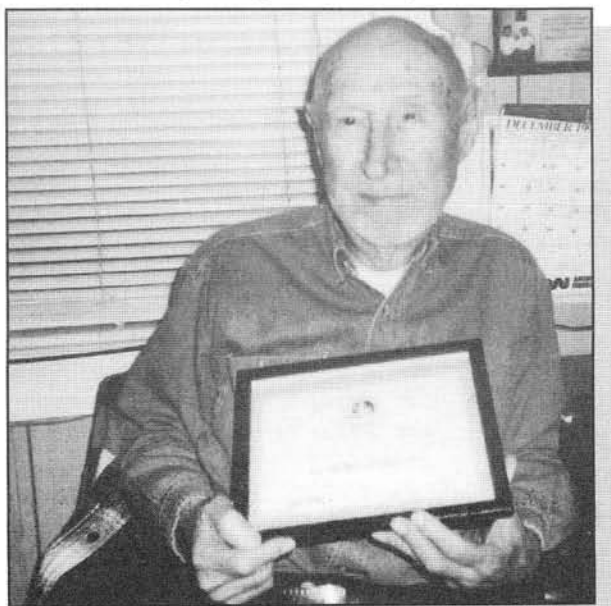
Holiday Greetings to all members at QCWA HQ. (I) am sending photo of myself holding my Century Club Certificate, and am proud to say I also hold the Golden Anniversary Award, along with the 60th anniversary Award.

Now at age 91 am still a very active member of the QCWA CW net which meets each Wednesday night at 7 PM, CST on 7035mHz.

We don't have a chapter in Birmingham AL.

73, Reed W4DXB

*At 91, Mr. Reed just keeps on tickin' //ger*



## Callsigns & Tattoos - From Glenn AE0Q/V31RY

Hello guys,

I received the Spring 1999 Issue of the QCWA Journal this week and am both thrilled to see my article in it, and disappointed that my ham calls were left out (Morse Code Saves Navy Destroyer)!

I originally sent it to the SOWP Sparks Journal and signed the article with my name, present calls, and my 4 old callsigns from Europe and Minnesota. The editor of the NCVA Cryptolog saw it and when HE published it, cut off my signature and ALL of my ham callsigns!

I never thought to send it to your folks for the QCWA Journal. That was silly and I definitely should have. But maybe you can search names in future to find out who the ham is when getting a piece from another party (my first name is spelled wrong and no calls mentioned).

I'm not mad or anything, don't get the wrong idea, please! Just wish my ham friends could know it was me writing the article.

On another subject, I guess I had a mid-life crisis recently and got 2 tattoo's done, both radio related. I know, it's wierd, but I never got any in the Navy They are the QCWA logo (with my



*A serious mid-life crisis.*

old calls) and the SOWP logo, done for me by a woman in Golden, CO. She made them very colorful!!

Thanks for the good job on the Journal!

73 — Glenn AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK v31ry@ix.netcom.com —SOWP 5558-M, ARRL LM, QCWA LM, NCVA—<http://www.qsl.net/ae0q/>

*Dear Glenn - My apologies for overlooking your impressive list of callsigns. As for your mid-life crisis - I'll show everyone the evidence. I know my mid-life crisis inclinations were vastly different. //ger*

# 75 Year Awards

## CHUCK BRELSFORD K2WW



*Chuck Brelsford K2WW receives 75-year award from Tom Worthy W7YW, Chapter 16 President.*

As a 16-year-old high school student in 1923, "Chuck" Brelsford journeyed to the Federal Building in Cleveland, Ohio to take the code test and written exam for his amateur radio operator's license. The code test was given at 10 WPM on an Omnigraph code machine. (Chuck has a duplicate of the Omnigraph in his den). On October 23, 1923 his operator's license was issued with the call 8BMU. On December 3, 1923 his station license was issued. Both certificates are still in his file in excellent condition.

Chuck got on the air with his first rig using a 202 and a T-type cage antenna, operating CW in the 175-200 meter band. This was the beginning of 75 years of dedicated service to the "wireless" community. Chuck has had several different calls while moving between Ohio, New York, Liberia and back to Ohio, including W8WW and W2CTA. In 1965 he decided to apply for a two-letter call again and the FCC must have noticed the W8WW call from earlier times and gave him his present call of K2WW. Chuck is still active with 100 watts on the 15, 17 and 20-meter bands. Some DX on CW and also a little rag chewing on SSB. Because of antenna restrictions he has a 3-band "Spider" mobile antenna inconspicuously placed outside of his window and keeps a twice a week schedule with his son, K2DI.

In 1928-29 Chuck served as radio officer on a passenger ship on the Great Lakes between Buffalo and Duluth.

He served as President of the Antique Wireless Association from 1973 to 1983 and is an Honorary Life Member of the AWA as well as the Arizona Antique Radio Club. Chuck joined the QCWA in the 70's while in Florida and is now a member of the Barry M. Goldwater, Arizona Chapter 16.

It was a pleasure to visit with Chuck and his YL, Doris and we hope to repeat the visit for his 80-year award.

Gerry Higgins, W7ES - Chap.16 Secretary

## LOU HARRINGTON WØLM



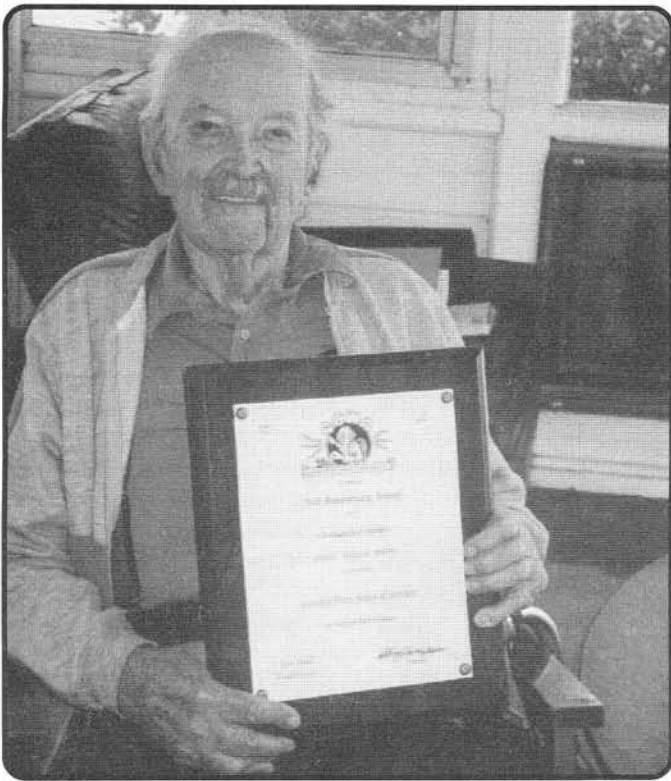
In the photo above, Lou Harrington WØLM is presented the QCWA plaque for being a licensed ham for 75 years by Chapter 58 President Jim Blecha W9KRE. Lou's wife Peggy is close by his side.

## CHARLES HODGSON W6HC

San Diego Chapter 14 had a notable event take place recently. One of our members became eligible for a special plaque honoring him for 75 years as a licensed radio amateur. Because of his inability to attend a chapter meeting, I visited him in his home and presented him with the award.

Charles Hodgson, W6HC, was born in New Jersey in 1909, grew up and attended schools in Brooklyn. It was while attending Brooklyn Polytechnic High School that Charles became interested in ham radio due in part to the helpfulness of an instructor and the shared hobby of a classmate. Charles, along with his friend, took the exam and received his amateur license in 1924 with the call 2AIN. With the help of his instructor he built his first radio equipment. He remarked to me that the only technical information on radio transmitters at that time pertained to spark gap equipment. Although he added voice modulation to an





early transmitter, Charles operated mostly CW. Asked about DXing in those early days, Charles remarked that working another call district was considered DX. He went on to college after graduating from high school and received a BEE degree. He worked in the metal die-cast industry for many years retiring as president, of a subsidiary of Alcoa. Charles is a modest man and insisted to me that he hasn't done anything deserving of recognition besides living a long time! But like many other Hams, amateur radio has been an important part of his long life attested to by the fact that he has been continually licensed since 1924. He's not very active now but has a station and is still proficient in the code.

#### **CHARLES D. LARUS, III K4AL**



Charles D. Larus, IV K4CAD presents his dad, Charles D. Larus, III his 75-year plaque. He is quite proud of his plaque.

Charles was 3HM in 1924 when Richmond was in the third call area. His interest in radio ultimately led to the beginning of local broadcast station WRVA.

During WWII, he was drafted (at age 36) and went into the Signal Corps. His outfit, the 3186th Signal Service Battalion, went to the ETO and he was part of a team operating an FM relay station. After VE Day, they went to the Philippines.

After the war, Charles became active again and enjoyed CW and phone, collecting DX and being a traffic handler. Even though he is in a local nursing home, he and his son enjoy whistling in CW to the bewilderment of the staff and other residents.

Charles IV wrote to say "thanks very much for the plaque on behalf of Dad".

#### **FRANK LESTER W4AMJ**



*At a recent luncheon of the Suncoast Chapter in Florida, Frank Lester (R) receives his prestigious 75-year plaque from QCWA Vice President Croft Taylor, VE3CT.*

Frank Lester is not only one of our Founding Fathers, but it was Frank who suggested the name "Quarter Century Wireless Association" and the founders adapted that name.

Frank was an avid experimenter all his life from the 1920's on, and is active to this day. Chapter 53 is privileged to have his company together with his XYL Sally at the monthly luncheons. Frank always has lots of interesting tales to tell. He is also to this day active on the International QCWA Sunday net and other "on air" activities as well.

We Randles, our Headquarters Historian, published an in depth article on Frank in the summer 1997 Issue of the QCWA Journal. It makes very interesting reading. Congratulations Frank !



# RULES & REGS



by Jack Kelleher, W4ZC, 612 Ednor Rd., Silver Spring, MD 20905

**This column presents a summary of recent significant actions in the area of domestic and, as appropriate, international Rules and Regulations.**

*The following are one-paragraph summaries of notable Rules and Regulations items which have appeared since the deadline for the Spring '99 Journal. In each case the source is identified, and we suggest that you consult them for additional information*

**ARRL REBUTS LATE-FILED ARGUMENTS IN LF PROCEEDING** (ARRL ltr v18 #14 4-1-99). The ARRL has rebutted assertions that amateur LF allocations proposed by ARRL at 136 and 160 kHz could lead to interference with utility-operated power line carrier (PLC) systems. The unallocated and unlicensed Part 15 PLC systems operate between 10 and 490 kHz and are used by electric utilities to send control signals, data and voice. At the same time, the League urged the FCC to issue a Notice of Proposed Rulemaking to open the LF bands up to amateurs.

**FCC SAYS RECIPROCAL PERMITS NOW "PAPERLESS"** ARRL Bulletin 23, 1 April 1999, says that the FCC is advising applicants for reciprocal operating permits that an application is no longer required. Under new ULS rules that took effect February 12, the FCC Form 610A has passed into history. The new rules also will pave the way for US hams to more easily operate in most of Europe. The FCC is expected to issue a Public Notice in the near future that will spell out the details.

**FCC'S RILEY HOLLINGSWORTH VISITS ARRL HQ** (Tnx ARRL Letter v18 #12, 2-19-99) After six months as the FCC's top Amateur Radio enforcer, Riley Hollingsworth, K4ZDH, says he's pleased with the progress he's made and the support he's received from the amateur community. "I thought it would take a year or two years to be at this point," he told ARRL staff members March 17 during a visit to ARRL Headquarters. "We've had some very good enforcement luck."

**LOW-FREQUENCY EXPERIMENTAL LICENSE ISSUED** (from ARRL Bulletin 16, broadcast March 12 FCC has granted a one-year experimental license to the Amateur Radio Research) The and Development Corporation—AMRAD—to conduct tests on 136.75 kHz. Experiments would be carried out from 12 Northern Virginia sites using the call sign WA2XTF to gain low-frequency experience in anticipation that the FCC may allocate an amateur band at 136 KHz. (Last October, the ARRL petitioned the FCC to create two amateur LF allocations at 135.7-137.8 kHz and 160-190 kHz. Several countries throughout the world already enjoy LF allocations around

136 kHz. These include New Zealand, Great Britain, the Republic of Ireland, and several European nations)

**FCC TACKLES HF "SPLATTER" CASES** (Tnx ARRL Letter v18 #11, 3-12-99) The FCC has written nearly two dozen Amateur Radio licensees whose 20-meter SSB signals were said to be "unusually wide, overpowered, or both." The FCC's Riley Hollingsworth did not identify the specific licensees involved, but he said some of them were believed to be over-the-road truckers operating mobile. Hollingsworth's letter said information received by the FCC indicates that the stations involved "ignored requests from other licensees operating on adjacent frequencies" to do something about the wide signals

**NO FIRST AMENDMENT PROTECTION FOR RULES VIOLATORS AMATEUR RADIO SPECTRUM PROTECTION ACT REINTRODUCED** (Tnx ARRL Letter v18 #10 3-5-99) If you are one of those hams who feel that you can violate the Amateur Service rules and then get away with it by claiming the protection of the Constitution's First Amendment, the FCC has a surprise for you. The agency's Riley Hollingsworth, K4ZDH says that the First Amendment is not going to protect rules violators in the Amateur Radio Service. The FCC attorney says that the two are not even remotely related:

**AMATEUR RADIO SPECTRUM PROTECTION ACT REINTRODUCED** (Tnx ARRL Letter v18 #10 3-5-99) It's round two in Congress for the Amateur Radio Spectrum Protection Act. At the request of the ARRL, Rep Michael Bilirakis introduced the 1999 version of the proposed legislation, HR 783, on February 23. The bill is aimed at ensuring the availability of spectrum to Amateur Radio operators. It would protect existing Amateur Radio spectrum against reallocations to or sharing with other services unless the FCC provides "equivalent replacement spectrum" elsewhere. The 1999 bill "is largely the same as last year's HR 3572." The major difference is that the 1999 version adds "Amateur Satellite Service" frequencies to "Amateur Radio Service" in detailing the frequencies that would be afforded protection under the act.

**ARRL Bulletin 13, February 26, 1999 says "FCC SHUTS DOWN TROUBLESOME BAY AREA REPEATER"**. The FCC has shut down for 120 days the K7IJ repeater facility on Grizzly Peak in the San Francisco Bay area. The FCC's Riley Hollingsworth, K4ZDH, said that for almost a year, the repeater's control operator, identified as Blake B. Jenkins, N6YSA, of Berkeley, California, "has apparently not only allowed, but encouraged, use of the repeater by unlicensed operators, rebroadcast of cordless telephone calls, playing of music, and profanity and obscenity." He said extended QSOs have taken place between the



control operator and unlicensed stations.

**TEXAS HAMS MOUNT PRB-1 EFFORT** (From ARRL Ltr v18 #9, 2/26/99) At the request of radio amateurs, a bill was introduced in the Texas House of Representatives to incorporate the essence of the limited federal preemption, PRB-1, into state law. The bill would amend the Local Government Code in Texas to prevent local jurisdictions from enacting or enforcing ordinances that fail to comply with PRB-1.

**CW NOW OFFICIALLY DEAD IN MARITIME RADIO** (From ARN 1121 2/05/99) Morse code officially went the way of its old spark gap transmitters on Monday, February 1st for most ships in distress at sea. A new satellite system, Inmarsat, has displaced Morse. Use of the system is mandatory for all international freighters weighing more than 300 gross tons, all passenger vessels and for self-propelled oil drilling units. Only coastal freighters, most fishing boats and pleasure craft are exempt.

**NO MORE HELP NEEDED** (ARN 1121 2/5/99) The ARRL says that it does not need any more help in proofing the viability of the 5 MHz band. In response to inquiries about the societies' recently granted Experimental Radio Service license the League has been requested by FCC staff to advise that no additional participants are being sought at this time. The FCC issued the Experimental Radio Service license to the ARRL to permit two-way tests in the vicinity of 5 MHz. This is the most likely site of the next amateur HF band. Fifteen currently licensed amateur operators in various parts of the United States and the Caribbean will conduct experimental, two-way RTTY.



## Knoxville Hamfest June 13th

The Radio Amateur Club of Knoxville is sponsoring the 33rd annual "Knoxville Hamfest and Electronics Flea Market" on Sunday June 13th in East Tennessee. It is the approved ARRL Tennessee State Convention. The Theme for this year's show will be "Ham Radio in the Next Century" and is designed to explore the many facets of ham radio in the next millennium. Forums, clinics, demonstrations, contests and exhibits will focus on this theme.

The hamfest is being held at the National Guard Armory in Knoxville with a large indoor area for dealers and other participants. A large free product literature and promotional area will be provided to help promote amateur radio, computer and other electronic equipment. Among the participants will be the QCWA, ARRL, SERA, AMSAT, and MARS.

For further information, contact David Bower K4PZT at 423-974-5064 (O) or 423-670-1503 (H) or write to PO Box 50514, Knoxville, TN 37950-0514. E-Mail: rack@korrnet.org. Web site: <http://www.korrnet.org/rack>

## Army meets Navy



*After not seeing each other for 25 years, Royal Canadian Navy Lt. Commander Jack MacQuarrie (Ret) VE3AWY (r) is welcomed to the QCWA ranks by Royal Canadian Signals Lt. Colonel Croft Taylor (Ret) VE3CT.*

Jack and Croft met during their second careers in the development of High Frequency, RadioTelephone facilities in the high Arctic. Jack was then with the Collins Radio Company, and Croft with Telecom Canada, a Bell System Consortium. They were responsible for the design and installation supervision of the first commercial HF telephone facilities north of the Arctic Circle in the Eastern Arctic.

It was a happy reunion for both while enjoying the semi-annual luncheon meeting of Chapter 73 - the Southern Ontario Chapter.

## After 38 years - Calls it quits

Charles H. Davison Jr., K2DPS recently retired after 38 years at WNBC in New York City. Charles is a member of QCWA Chapter 5. He began his career at the Empire State Building transmitter, helping maintain WNBC AM, FM and TV when color television was just beginning to emerge. Later years were spent providing "live remotes" via microwave and satellite transmission, covering breaking news stories for television broadcasts.

Future plans call for more family time and more amateur radio activity with his father K2DOV and his son WB2HIO.

**QCWA National  
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Sundays at 2000Z  
on 14347**

# Amateur Radio Satellite News



by Keith Pugh, W5IU, Vice President, Operations, AMSAT-NA,  
3525 Winifred Dr., Ft. Worth, TX 76133

## **AMSAT's Thirtieth Birthday Party, Taking the Temperature of a Satellite, and Satellite Status Report**

### **INTRODUCTION -**

First, I must again apologize for missing the last issue of the QCWA Journal with this column. My only excuse was a very busy schedule. To bring you up to date, this issue will address three topics starting with a trip to NASA Goddard Space Flight Center for "AMSAT's Thirtieth Birthday Party." Next, "Taking the Temperature of a Satellite" for the Riverside Applied Learning Center Communications Discovery Club. Finally, the latest news about several new Amateur Radio Satellites.

### **AMSAT's Thirtieth Birthday Party -**

Thirty years ago in March of 1969, AMSAT was founded by a group of Amateur Radio Satellite Enthusiasts in the Washington, D.C., area. Several of these people are still taking an active role in the organization and were present at a Birthday Party commemorating the event. The party was conceived and hosted by the Washington D. C. AMSAT Group led by Martha Saragovitz, Pat Kilroy, Frank Bauer, Eric Rosenberg, and many others. The event took place on Saturday, March 13, 1999, at NASA Goddard Space Flight Center. My day started with a crowded flight from DFW to BWI.

Festivities started in the morning with tours of parts of Goddard Space Flight Center including the Hubble Space Telescope facility. In the afternoon, Eric Rosenberg, W3DQ, introduced the speakers for a "mini Space Symposium" held in the Visitor Center Auditorium. Topics included "APRS in Space" by Bob Bruninga, WB4APR; "Amateur Radio in the International Space Station" by Frank Bauer, KA3HDO; and "Status of Phase 3D and Future AMSAT Projects" by Keith Baker, KB1SF. The final event of the afternoon was a tour of the Goddard Space Flight Center Amateur Radio Club's Shuttle Audio Re-Transmission Station, WA3NAN. This author had never seen that many KWM-2s in one place before.

Everyone congregated in the Goddard Space Flight Center Recreation Association Clubhouse for the actual party and steak dinner on Saturday evening. Approximately ninety members attended including several Charter Members led by the first AMSAT President, Perry Klein, W3PK, and the first Vice President of Engineering, Jan King, W3GEY. The room was decorated with pictures and memorabilia honoring the history of the organization, gathered and presented by Martha. Several awards were presented to members for significant contributions throughout the years. One of the most memorable awards went to Marie Marr, a Goddard employee at the time, who wired most of the sat-

ellites produced during the era up to Phase 3D. Marie, now retired from Goddard, attended with several members of her family. It was brought out that Marie was also an excellent "scrounger" and "arm twister" for other help from Goddard. Frank Bauer, AMSAT's Vice President of Human Spaceflight, also a NASA employee, presented a very nice plaque to Keith Baker, AMSAT's President, from NASA commemorating thirty years of successful relationships. A photo of the plaque was presented to each member present.

I spent Saturday night as a guest of Martha and John Shew, N4QQ, in their Silver Spring, MD, home and intended to go the Smithsonian Air and Space Museum on Sunday. Sunday morning we awoke to snow, so I opted to go back to Baltimore early instead. While waiting for flight time back to Fort Worth, I visited Glen Burnie, MD, my temporary home in the late seventies, and renewed some more memories including an excellent Maryland Crab Cake lunch. The flight home from BWI boarded on time but was two and one half hours late departing after plowing the runway twice and de-icing the aircraft four times. Isn't flying fun!

### **Taking the Temperature of a Satellite -**

Last Fall I was again given the opportunity to work with the Kids from Riverside Applied Learning Center in Fort Worth, TX. This time I hosted a "Communications Club" as one of their "Discovery Clubs." This involved working with the Kids one hour a week on space and communications related projects. There were no hard and fast rules, the curriculum was left up to the volunteer host and the Kids.

We tried a number of things including: Morse Code, talking on the radio, listening to all kinds of signals, geography lessons with QSL cards, etc. We were fortunate in being able to capitalize on the John Glenn Shuttle Mission and the launches of several new Amateur Radio Satellites. The one that helped the most was Sputnik 41 or RS-18. This little "Bird" provided the inspiration for our final project: "Taking the Temperature of a Satellite."

RS-18 was a small, spherical, battery powered, satellite built by French and Russian students and launched from the Russian Space Station, MIR, during an EVA. One of the Cosmonauts was quoted telling the other to: "Throw it gently toward the Moon." On its two-meter downlink, RS-18 transmitted two different messages in three languages: Russian, French, and English. It also transmitted an audio tone whose frequency was proportional to the temperature inside the little six-inch sphere. The French published a calibration curve on their Web Site. Over the course of the month it was active, we had listened to the "Bird" and built a Styrofoam model of it complete with antennas.

At the end of the semester, each "Discovery Club" was given the opportunity to make up a static display or give a presentation to the rest of the school during an "Expo." We decided on the latter and used RS-18 as the "Star of the Show." We simulated the satellite orbit by having one of the Kids carry the RS-18 model in a circle around a Globe. Another Kid, using an Arrow Antenna, pointed at the satellite while a third Kid listened to an HT connected to the Arrow Antenna. We had pre-recorded an actual pass on a tape recorder. Next, an audio oscillator was set up with a frequency counter attached and connected to the horizontal plates of an Oscilloscope. The audio output of the tape recorder was hooked to the vertical plates. Now all we needed was a Kid that could adjust the frequency of the audio oscillator while looking for the right Lissajous pattern on the Oscilloscope. Out of a dozen Kids, only one was found that could handle that task. Most of the Kids just had not developed the hand-eye coordination necessary for this trick. I should point out that the Kids were from Kindergarten through Third Grade. Of course, Richie, was the Third Grade student. After a little coaching, he could do it faster than the teacher. He also reported the frequency and after one demonstration was able to plot the two lines on the temperature vs. frequency curve necessary to "Take the Temperature of a Satellite." We did the demo twice with success both times. The temperature inside the satellite was a comfortable 71-72 degrees F. The demo went over very well with the rest of the students and the faculty. An interesting side note was that our "Expo" was done on the last day RS-18 was active before the batteries ran down.

#### **New Satellites -**

Over the past nine months, we have seen the launch of six new Amateur Radio Satellites, some successful, some not.

A Russian launch in July put two new satellites, TO-31 and GO-32, into orbit. Students from Thailand built TO-31, formerly known as TMSAT, at the University of Surrey. After an extensive checkout and commissioning process, conducted from Bangkok, this new "Digital Bird" is now open for service and producing beautiful images of the Earth. Gurwin Oscar 32, GO-32, was formerly known as Techsat and was built in Israel. This new "Digital Bird" continues to put out a three-second burst of information every 30 seconds at 9600 baud, but it has not been released for general use.

The long awaited launch of Sedsat, SO-33, built by students at the University of Alabama at Huntsville occurred during the fall from the Cape. Since launch, this new "Bird" has transmitted telemetry when the batteries are up, but has not been "commanded" from the ground due to apparent failures on board the satellite. The team still hasn't given up but it now appears to be unlikely that that it will be recovered.

John Glen's Shuttle Mission provided the launch for Pansat, PO-34. Built by students and faculty of the Naval PostGraduate School, in Monterey, CA, this new "Bird" is transmitting Spread Spectrum signals. Current activity is

limited to the Command Station, but it should be "Commissioned" soon and released to the Amateur Radio Population.

As mentioned above, RS-18 was launched from MIR and made an excellent educational satellite. Unfortunately, it only lasted 30 days before the batteries ran down and only about 60 days before it de-orbited and burned up in the Earth's Atmosphere.

The final launch of this series occurred, on the eleventh attempt, on 23 February 1999 on board a Delta Rocket from Vandenberg AFB, CA. SunSat stands for Stellenbosch University Satellite and takes it's name from the South African University whose students constructed the payload. At the moment, this satellite is still undergoing test, but it should be released soon. It incorporates a number of scientific and educational capabilities including, but not limited to, Digital Store and Forward, and a "Parrot" voice repeater.

Meanwhile, Phase 3D has completed Thermal/Vacuum testing at Orbital in Germantown, MD, and is back in Florida continuing it's ground testing and being made ready for vibration testing. Negotiations with prospective launch agencies are on-going. No launch has been announced, but the team remains optimistic that there will be a launch this year.

#### **Summary -**

A lot has happened in Amateur Radio Space during this period. I am completing the second "Discovery Club" operation as this is being written and work continues on Phase 3D and all the rest of the "Birds." Exciting Times! Join the Fun!

Keith Pugh, W5IU AMSAT VP of Operations

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## Editor's Corner

The answers for the Quiz from Hell are in, are graded and the winner is ——— Robert J. Vasilow W2VDX who hails from Owego New York. The eminent repository of trivia, Mr. Vasilow, only stumbled on two questions and the two questions #71 and #99, 70% and 90% respectively of all the entrants missed. The most frequently missed question was #99. Surely everybody should know that a "loop skywire" falls into the N.V.I.S. antenna category on its fundamental frequency. Yeah right. The second highest stickler (#72) was the fact that a "dry" VFO was one that was an external L-C combo. The third highest missed questions were #42, #71 and #97 with #43 bringing up the rear.

Al LaPlaca worried that several typos may have tarnished Part II however I happily report that many of the contestants saw fit to make note of the errors on their answer sheets. Transcribing the handwritten quiz into a comprehensive format was a formidable task that required five hours to prepare. Thank Percy Maxim that there were not more errors!!!

Arnold Sayre W8WVM, the winner of Part I, and surely has no ax to grind, says that the "whopping 88% of the respondents..." that missed question #36 (Part I) indicating that QST was first published in December 1916 may have been gyped. He says the correct answer is December 1915 and cites the following evidence:

- "From Spark to Space" ARRL pub. Copyright 1989, page 31 - "QST first appeared in December 1915, financed by Maxim and Tuska.". There was a picture on page 35 of QST cover showing date.
- "Fifty Years of ARRL" ARRL pub. Copyright 1965, page 13 - "In December, 1915, each member of the league received in his mail a sixteen-page magazine called QST."
- "Two Hundred Meters and Down" ARRL - 1936, page 43 - Same statement as above in 50yrs of ARRL.

I've checked the Q and A sheet and the answer provided the Editor showed it to be 1916, so some of you can take comfort in having one more correct answer. In any case, the winners of both Parts were clear winners to which one question, even 4, would not have made a difference.

Even though it caused me a whole bunch of extra work grading homework, I had a really enjoyable time. I thank all of you that took time to express your enjoyment of the quiz. We just might have to do it again.

The correct answers to Part II were: 41-D, 42-A, 43-B, 44-D, 45-E, 46-E, 47-D, 48-D, 49-C, 50-B, 51-D, 52-C, 53-E, 54-A, 55-J, 56-I, 57-H, 58-G, 59-B, 60-F, 61-H, 62-E, 63-J, 64-A, 65-I, 66-G, 67-D, 68-F, 69-B, 70-C, 71-C, 72-C, 73-C, 74-E, 75-D, 76-I, 77-F, 78-J, 79-A, 80-G, 81-B, 82-H, 83-C, 84-E, 85-D, 86-P, 87-K, 88-T, 89-N, 90-S, 91-R, 92-L, 93-O, 94-Q, 95-M, 96-E, 97-D, 98-E, 99-D, 100-E.

I hereby remind you to put your writing caps on again. We're getting a little thin on articles for the Journal. We have a few people threatening to write articles but my file folder is getting empty.

Be sure to take a look at our gallery of 75-year awards this month. Our 5 awardees have 375 years of ham radio between them. Wow!

The Editor thanks Art Monsees W4BK and Don Bice W4PCO for their expedited compilation of the QSO Party results so we could get it into the Journal in a timely manner. You can read all the winners on page 44.

Ray Minichiello W1BC prepared a fine article with pictures of the Guglielmo Marconi Foundation and Museum in Bedford New Hampshire. He writes about the addition of the "Cape Cod Room" which will house artifacts from the original WCC and WIM transmitter site. I had the occasion to talk to Ray and he brims with enthusiasm about the Foundation and Museum. It sounds like it would be a real treat for QCWA members. As a matter-of-fact, I'm thinking about taking a trip to Bedford for the expressed purpose of visiting the museum. Page 46.

We welcome a newcomer Wayne Cooper AG4R who presents his design for a nifty 2-meter antenna that takes little time, little money (if any) and has near a 1:1 SWR. Well, that's what he claims. Find out for yourself and follow his instructions on page 54. Sounds great for apartment dwellers.

That'll wrap it up for the summer. Don't sweat the summer - it too shall pass. And don't forget the QCWA National Convention in St. Louis, Missouri September 24th and 25th. Chapter 19 promises to "Show You St. Louis". Get your reservation form in. Just happens to be one on page 5.

### Big-time Error



Through some unexplained circumstances, the Chapter 146, Twin State report detailing their Picnic Outing (which included the Yankee Chapter 112, Pine Tree Chapter 134, Nutmeg Chapter 149 and Pioneer Chapter 183) was omitted from the Winter 1998 Issue. In its place was a picture of Chapter 149 members and wives with a garbled caption that referred to them as Chapter 146.

In order to avoid an inter-chapter war, the Editor will assume all responsibility for the grievous error. It's very simple to understand - the Chapter 146ers had the outing and the Chapter 149ers attended. The picture was of the 149ers but it was under the 146ers report. To make matters worse, I called the 149ers, the 146ers which insulted the 149ers then I turned around and put the picture under the 146ers report and insulted the 146ers. Perhaps if they merged their chapters, I would have fewer problems. Just kidding. Ger//

## What makes Chapter 191 Work?

By Wayne Thalls KB6KN

The thing which I think makes Chapter 191 unique, is our ability to not only remain viable but to grow. Some people would attribute this to our policy of no membership dues. The fact is we are able to exist without dues because of the support provided by these very members.

I think our Chapter 191 President Lloyd AA6T says a lot in his recent newsletter article.

Since the first quarter of 1999 is almost over, I thought it was about time to get out some kind of President's message. I'd first like to thank all of you for making this little group happen at all. It takes each and every one of you to make it work. Between you, you give it a voice, a face, an opinion and a purpose. We need to thank those who give up that little bit of "extra time", if there's ever such a thing, and serve as officers of Chapter 191.

Wayne Thalls certainly deserves a big "THANK YOU" for getting our newsletter out and keeping the records straight. George Fisk keeps our repeater up and running, allowing us to have our weekly net. He most certainly deserves a big "THANK YOU". Another is Dave Harbaugh who keeps our weekly net running. He sure sounds like a professional if you ask me. We should be proud of our little group. Look at what we've accomplished. In just a few short years we've established a schedule of regular meetings with interesting speakers, a fine little newsletter, a weekly net, and we've contributed to the QCWA National Scholarship Program. Our secret to success??? We have each other. Between us, we're able to keep the ball rolling. People volunteer repeatedly for office, donations come unsolicited, we go to the meetings, we check into the net, things get done. Why does this happen so easily within our group??? I believe it's because we all happen to share some basic values relating to Amateur Radio. Those old QCWA values.

It's no coincidence that we've all been licensed 25 years or more. A few weeks ago on our net someone commented that perhaps we're all just "ham dinosaurs" that need to go back in time 30, 40, 50 years. Yes, the past does invoke lots of fond memories but I don't think I'd be one to go back. While the present certainly has its share of problems, one has to look at the opportunities and advancements in technology available to us today in our great hobby. If you're bored or discouraged with one facet of our hobby perhaps it's time to switch gears and try something new. The challenges of a new mode, a new band or some fancy new rig can breathe some much-needed life into a stalled enthusiasm for our hobby. It worked for me. This is a hobby. It's something we do for enjoyment in our precious free time. Try not to get too bogged down in all that's wrong with our hobby but rather try to enjoy all the good

## Quiz from HECK

Since we tortured your minds with the **Quiz from Hell** for the last two issues, we've decided to tease your minds and memories with an easier quiz.

These are two famous people as they appeared in a photograph taken in the late 30's. The answer is on page 45 but don't cheat - make an educated guess.



things it still has to offer.

With that said, there's just one additional message I'd like to pass along. "Chapter 191 is currently rolling along nicely as is, it's extremely important that each of us keep our eyes peeled for potential new members. I think it's safe to say that each of us knows of at least one other ham out there that is eligible to join. Tell them about QCWA and Chapter 191. Give them the info on our net and ask them to check-in. Offer to bring them to a meeting. We need to do all we can to bring them into the membership. The survival of QCWA and Chapter 191 depends on it. 73, Lloyd AA6T



Chip Margelli, K7JA, DX Editor • 6652 Cerulean Ave. • Garden Grove, CA 92645

## Propagation

Springtime is a really fun time for working DX!

With the increasing sunspot activity, bands like 20, 17, and 15 meters will pop open via the North Pole for contacts between North America (in the evening) and Europe/West Asia (morning) almost every day, unless the polar path is disturbed by a geomagnetic storm. The path on 15 meters will be better than at any time in the past six or seven years, and the countries available to North American DXers will be plentiful and often rare.

Ten meters does not often exhibit this propagation mode (transpolar DX during North American evening), but that doesn't mean it can't happen. West Coast DXers should particularly watch for openings just after sunset to VU/JT/4S, and Long Path in the mid-evening to the Southwest is always possible.

The low bands like 40 and 80 exhibit fun propagation, too, as Gray Line paths are almost North-South. This exposes low-band DXers to a wide variety of working opportunities if one is careful to be on at your local sunset or sunrise.

Six meters is coming out of a spectacular Trans-Equatorial DX peak in March, where hardly a day passed without Internet reports of DX between Africa and Europe, or between South America and Europe or South America and North America. Stations in Australia and New Zealand worked all over East Asia, and there were even some openings between the Middle East and Asia/Pacific regions. And this is just a teaser. . . much more exciting DX on 6 meters is just around the corner. Watch out this November!

## Stealth DXing

Many of us are forced by circumstance to operate from a location that doesn't exactly lend itself to erection of a tower. Yes, the view is great from the balcony overlooking the Atlantic in Fort Lauderdale, but where do you put your 4-element Yagi for 20 meters?

The problem is not just one of vertical space; many apartment, townhouse, and condo contracts have a specific prohibition against any sort of vertical structure which appears to be an antenna, whether it be for TV, CB, or Amateur use. Even your own detached private home can have "CC&R" restrictions, which state "Thou Shalt Not Be A DXer!"

This increasingly common situation, and how to combat it, shall be the subject of this issue's main discussion.

## Under the Eaves

A friend of mine in Ft. Lauderdale lives in a townhouse very similar to the one described above. It's facing the ocean, it fortuitously is high, but it unfortunately provides no obvious opportunity for erection of a traditional support.

He solved this problem by erecting an all-band dipole, mounting it on standoff insulators a few inches below the ceiling level all along the outer edge of his balcony. Fed with an antenna tuner, it provides coverage on 160 through 10 meters, and from the high location over the water, it issues forth a very creditable signal into Europe and Africa.

An antenna like this can be wrapped loosely with plastic trailing "vines" like some restaurants use. Anyone looking at this antenna would conclude that the wires are there just to support the plastic vines!

If you have a corner flat, mount the apex of the dipole in the corner, and then make a "V" antenna following the path of the ceiling. This will expose your signal to basically 180° of azimuth; this may seem like a severe restriction, but you'll work lots of DX in the favored direction.

And in the direction which is blocked. . . you'll learn a lot about Long Path!

## Fly The Flag

If you have a home in a restricted area, a flagpole can provide an opportunity to put out a signal. Of course, you need to use a Fiberglass flagpole with a wire run up its entire length, unless you can somehow shunt-feed a metal pole with an unobtrusive matching system.

Since some homeowners' associations have gotten wise to this ruse, there are other variants available. My favorite is, in a seaside community, a series of the colorful little pennants that seem to be common in maritime environments. These require a support line, which can be made out of phosphor bronze (highly flexible) wire; such a system may be permissible.

Along these lines is a pulley-supported wire for a windsock. Supported a few feet off your house, such a system will allow you to put a signal out. A third possibility, again in a maritime environment, is for you to "volunteer" to post the little flags for "Small Craft Warning," "Gale Warning," and "Hurricane Warning" for your community. Either the support pole or the "rope" to pull up the flags can be pressed into service. And if you're by salt water, a vertical antenna will undoubtedly have a spectacular ground system to work with!



## The Verandah Special

Many of us, though, are restricted to a smaller apartment balcony, with no corners, no yard, and no possibility of running phony ropes for patriotic flag-waving. Now what?

An HF mobile antenna will often be the only possibility, and truly these can work out rather well. What you need is a "Verandah Mount" manufactured by one of the mobile antenna makers; designed to mount on a balcony rail, they provide a solid connection to the railing, which serves as a counterpoise. With a suitable feedpoint mount adapter installed, you can screw a mobile antenna in place when you want to operate, leaving no permanent structure in place to arouse suspicion from the "Antenna Police."

And don't rule out flying the flag, either! The little flag mounts that hold a 1.6-meter (5-foot) flagpole at a 45° angle can surely be pressed into service as a support. You might consider two such supports mounted at 90° from each other; each pole can then support half of a dipole (formed from two loaded mobile antennas), each with a small flag tied to the tip for concealment purposes!

Other balcony concealment ideas include another favorite of mine: Install one of those cut-bamboo sunshades that rolls up as you pull on a line on the side. Inside the roll, you can probably hide a pair of mobile antennas, installed butt-to-butt on a "T" coaxial connector. Just leave the roll in place, or do not deploy it completely, and nobody will know that the antenna exists!

Although the building in such cases will definitely block you, the mobile antenna concept will still put out a very decent signal, especially from seaside locations. A few years ago, I dangled a few feet of wire out of a hotel balcony in Puerto Rico. Armed with an FT-990's internal antenna tuner and a steady supply of Piña Coladas, I actually won a certificate as the Top North American Score on 14 MHz single-band (low power) in the ARRL CW DX Contest! Whatever you say about the KP4 callsign helping, the fact remains that the signal got from "Point A" to "Point B," which is what we're trying to accomplish!

## The Compact (Magnetic) Loop

This antenna concept has been around for years, but there have been only a few commercial versions put on the market. These include the AEA IsoLoop(tm) and the MFJ(tm) model 1786. These antennas do not fall into the "Stealth" category, as they surely can be seen as they are about three feet or so in diameter. What they lack in the concealment category they make up in portability. You can put one up on your balcony when it's time to operate, and take it down when you're done. And they're efficient, too. . . I used an IsoLoop(tm) plus dipoles for 40/80 back in 1993 to set the all-time Low-Power record in the ARRL CW Sweepstakes from NP4A. . . a record that still stands!

So don't let antenna restrictions put you off the air. Get creative, and get that DX!

## Remembering JY1

The world of Amateur Radio lost its most prominent member, and perhaps its most ardent supporter, when King Hussein of Jordan, JY1, became a Silent Key in February.

Since many QCWA members had met JY1 in person, I shall not presume to speak from long years of association with him. In fact, we worked only once, back in 1973. This memorable QSO was the subject of a "Letter to the Editor" which I wrote to Time magazine, and which was published in their March 8th edition (an honor which cannot be described). In this QSO, His Majesty was quick to admonish me that his name was "Hussein" while on the air, and I know that countless others had received the same reply!

The most significant aspect of Hussein's "radio life" goes back to "The Amateur's Code," as circulated by ARRL for many years. One of the lines of "The Amateur's Code" is "The Amateur is Balanced." Think about how this relates to JY1. . .

He had to balance Jordan's national interests against regional and worldwide needs, and he did so with uncommon skill. He had to balance a leader's requirement to be publicly accessible with the realities of terrorism in his region, and he survived a number of assassination attempts throughout the four decades of his reign. He had to balance his royalty with the need to "feel the pulse" of his people. He reportedly drove his security people nuts on more than one occasion by putting on a disguise and then driving a taxicab around Amman, asking riders what they thought about the condition of the country!

And he found a way to balance "Official time" with "Amateur Radio time," giving himself a chance to be just another private citizen for a few moments at a time. Of course, he was not "just another private citizen," even when you talked to him, because you felt "elevated" in a way that is hard to describe.

So I say "Thank You!" to His Majesty's family and his nation. Thank you for sharing JY1 with us, and for keeping him safe for so many years in which he made the world a better place.

73 for now. . . Hussein.

Chip Margelli, K7JA

## Ham Trader Yellow Sheets QRT

After 38 years in business, the Ham Trader Yellow Sheets will cease publication. The twice-monthly classified publication is being absorbed into the Amateur Radio Trader, according to an announcement in the last edition of the Yellow Sheets. "It has been increasingly difficult to continue to provide the reliability and low cost that we always have in the past," said a statement from Founder and Editor Al Brand, and Publishers Dave and Barbara Brand Wixon. Yellow Sheets subscribers will automatically get an Amateur Radio Trader subscription, while the subscriptions of ART subscribers who also subscribed to the Yellow Sheets will be extended. Amateur Radio Trader of Crossville, Tennessee, is published by TAP Publishing.



Chapter Reports are a very important part of the Journal and we would like to see regular reports from all chapters. If your chapter is not represented on these pages, please ask your secretary to file a special report for the Journal. Please send the reports to General Manager, Jim Walsh, to arrive no later than the following dates: July 1, October 1, January 1, and April 1.

### Chapter 1, Cleveland

Chapter #1's most recent meeting was held on January 17 in our regular establishment, Dimitri's in Parma, Ohio. The meeting was well attended, unlike other years when the weather has been inclement, making it difficult for many to attend. The weather this year has been rather moderate and Saturday's meeting day was one of the better days, weather wise. Traffic problems were another matter altogether and many of the members trying to get to the meeting were caught in traffic jams caused by regional road departments patching potholes while the weather permitted!

The guest speaker for this meeting, Lieutenant Tim DelVecchio, a veteran member of the Ohio State Highway Patrol, gave a very in depth history of the agency. Many questions were submitted and answered, and many more probably would have been if more time been available. The membership extends its thanks to Tim for his fine presentation. We were also honored to have Nate Firestone W3SVJ and Mary as special guests, representing our Sister chapter, Pittsburgh Chapter #6.

Former Chapter #1 President, Bernie Hinrichsen W2NTB has taken over the job as newsletter publisher beginning with the first issue of 1999. Editor Joe Zelle, W8FAZ, is still recuperating from an ongoing illness and has not been able to resume the regular duties of editor/publisher. The quarterly newsletter is mailed to all members of Chapter #1, several reciprocating amateur clubs, affiliate CooCom representatives and to prospective new members.

Our weekly Wednesday night net continues to do well and usually 40-50 check-ins are counted. All amateurs are encouraged to participate in the net, which is opened at 8:00 p.m. local time on the LEARA 2-meter repeater at 146.88/.28 MHz. Net Control duties are handled by our hospitable veteran operator, Steve Martinovich, W8NZD.

Chapter #1's QCWA Chat Room is up and running and is available to all interested parties with Online capability. The chat room is a regular meeting place around 7:00 p.m. each evening and is operated by Vince Fabbraio, WB8NWQ. Please see the previous issue of the QCWA JOURNAL, Spring 1999 for instructions on how to access the chat room. We'll be looking for you!

**Paul Poling N8CKG - Secretary**

### Chapter 2, Chicago

Chicago Chapter #2 held it's first quarterly meeting on Tuesday, January 26, 1998. The meeting was held at Colletti's Restaurant on the northwest side of Chicago. A period of attitude adjustment was allowed to expel the problems of the day. Dinner was served and enjoyed by all. 11 members and 4 guests participated.

The election of Officers and Board was held in a small business meeting prior to the dinner. Officers: President - Jim Quinn W9MFY; Vice-President - Paul Crum W9LC; Secretary - Gil Kowols W9BUB; Treasurer - Jim Quinn W9MFY

Directors: Philip Brankin K9PB; Ed Dervishian W9VSU; Al Mazur W9LOB; Ron Steinberg K9IKZ

All were unanimously elected.

The terms of Ernest Czosek W9ULX, Lee Knirko W9MOL and Dale Svetanoff WA9ENA expire the end of 1999


Lee Knirko, W9MOL, reminded everyone of the availability of the "T" and golf shirts as shown in the Chapter News and the offer was still open. Gil Kowols, W9BUB, read correspondence from Headquarters concerning potential scholarships. Details will appear in the News.

The meeting was closed. Colletti's served their usual fine dinner. After dinner, Jim Quinn introduced Paul Crum who introduced the speaker for the evening: Gil Kowols, W9BUB.

**REPEATERS** What, Where, Why and How

Repeaters on the VHF and UHF bands have exploded in the last 30 years from a few active repeaters to occupying most of the VHF and UHF bands.

They are everywhere and used for many things. Repeaters provide the ability to extend the range of mobile radios and hand held radios. Typical range for



**HEY - Wake up!**

**DEADLINE**

**for Chapter Reports**

**July 1, 1999**



*Gil Kowols, W9BUB spoke on REPEATERS  
What, Where, Why and How.*

a mobile radio to mobile radio is less than 5 miles and from a mobile radio to a base station of about 7 miles. Repeaters extend this to over 100 miles. Gil will show in a none-technical way, what they are, where they are, why they are and what's involved.

Most of us only know that you talk in the microphone and it comes out of the speaker somewhere else. But a lot goes on between the microphone and the speaker that involves many hundreds of hours of work by other amateurs and can involve thousands of dollars, all donated for the cause.

CFAR will be used as an example of what is involved. Gil has been involved with repeaters from the very beginning in 1964. He has worked on CFAR for the last 34 years. He was previously a member of the ARRL Repeater Advisory Committee. Chapter 2 'on the air meeting' continues with the 'first Thursday of each month' net to bring the chapter members the latest news of the chapter and amateur radio.

The second quarterly meeting will be on April 27, 1999 at our usual location, Colleti's.

**Gil Kowols W9BUB - Secretary**

## Chapter 9, Southwest Ohio

One of the oldest chapters of QCWA, chapter 9 was chartered on 1 October 1957. Following the trend to move out to the suburbs and to the country the chapter is now referred to as the SW Ohio Chapter.

Presently counting about 100 members, on the average 30 to 40 show up at the monthly luncheon meetings. These take place on the second Tuesday at the MCL cafeteria in Kettering just south of the intersection of St. Rt. 48 and Stroop Rd. Guests are always welcome. Carey, K8DOT, tries hard to bring "live" programs to the meetings (occasionally videos have to suffice). Some examples of recent programs are: Wildflowers of Ohio (X-mas luncheon w/xyls), Satellites in Hamradio, Senior Citizen Diet, New FCC Emission Rules and the "Y2K" Problem.

Every Sunday afternoon the 75m net convenes at 1:30PM with Jim, K8YDP, as net control. Jim took over recently from Carl, W8DWT, who is our real OT and had been net control for many years. A great thanks to Carl and good luck to Jim. See photo. The net recently moved a few KC to 3875 kHz to escape some obnoxious intermod we were experiencing from strong



*Former and Present Net Control of Chapter 9's 75 m Net:  
Carl Yeager, W8DWT & Jim Currie, K8YDP.*

local broadcast stations.

Bob, KA4LAU, who did a super job for at least 10 years, retired as the chapter's Secretary and Fred, W8LLY took over. This post also includes the bimonthly publication of our newsletter and the yearly hosting of the Hamvention banquet. The Hamvention is very important for the QCWA. We have a booth there, which is always a good meeting place. We also pick up many new members.

**Gerd, WB8IFM**



## Chapter Reports

### Chapter 10, Michigan

1999 has arrived and the members of Chapter #10 are awaiting the return of the snowbirds from their warm wintertime residences. The weekly net will welcome those checkins, and the news from our much-missed members.

Winter was not kind to some of us left behind in the cold. I missed getting a report into the last issue of the Journal because I fell in December and broke my left leg. That has healed well. Others had bad cases of the flu, and flu shots didn't always provide immunity this year. Heart attacks were a factor for some, and Dale, KA9EIZ, is getting over his and back on the air. Al, W8CHT, had the bad luck to roll a vehicle and he and Veronica spent some time hanging by their seat belts. They were not badly injured. There were times when the snow kept us at home, and antennas didn't always stand up to the strain of the snow load.

But now it is spring and we are looking forward to the annual meeting in Cadillac on May 1. We hope most of the members can make it there. We always have a great luncheon and plan the summer activities. We will miss Clarence, W8LKR, a former member who usually made to our meetings. He became a silent key in November.

Beverley Stoner K8ZJU - Secretary

### Chapter 14, San Diego

Some highlights of Chapter 14 activities:

Chapter 14 president, Pat Bunsold, WA6MHZ, chaired the Fall ARRL Southwestern convention in San Diego.

Del Radant N6JZE, received special recognition at the recent ARRL Southwestern convention.

At our Fall brunch meeting we were entertained by local folk singer and active radio amateur, Bill Hoyt, WB6DGR, and we helped Meta Kay Brazell WA6BNS, celebrate her 98th birthday.

At our January brunch meeting Chapter 14 member George Mitchell, K6ZE, entertained us with a slide presentation of his experiences on a Scripps School of Oceanography research ship on a research cruise on the Amazon.

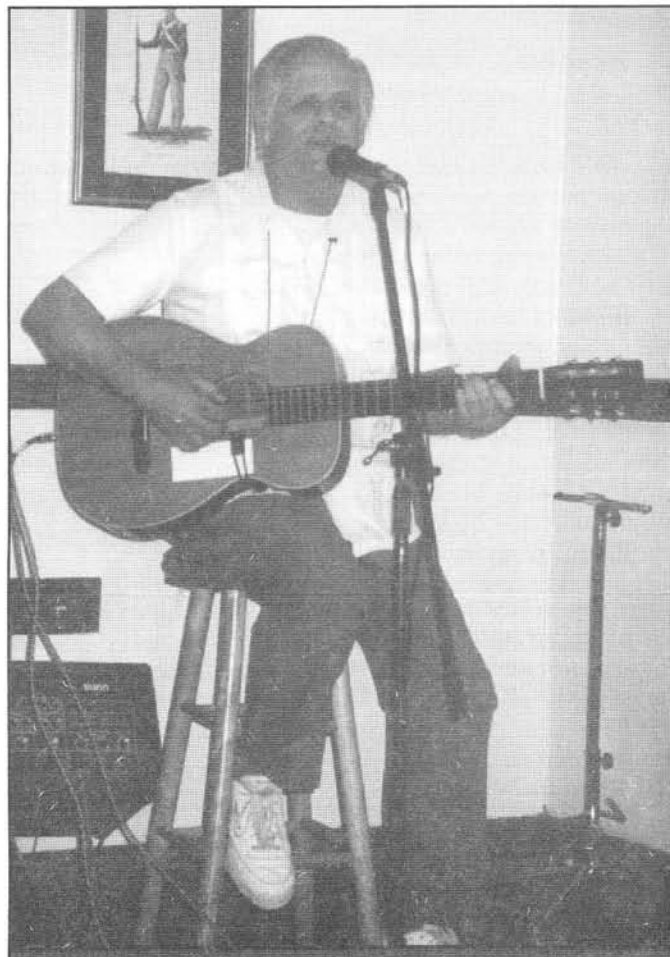
Chapter 14 member Charles Hodgson, W6HC, was



Left to right: Agnes Langevin W6MFP, Meta Brazell WA6BNS, Carol Pletcher (wife of W6JIR) and Pat Brazell (daughter of Meta).



Del Radant N6JZE.



Folk singer Bill Hoyt WB6DGR

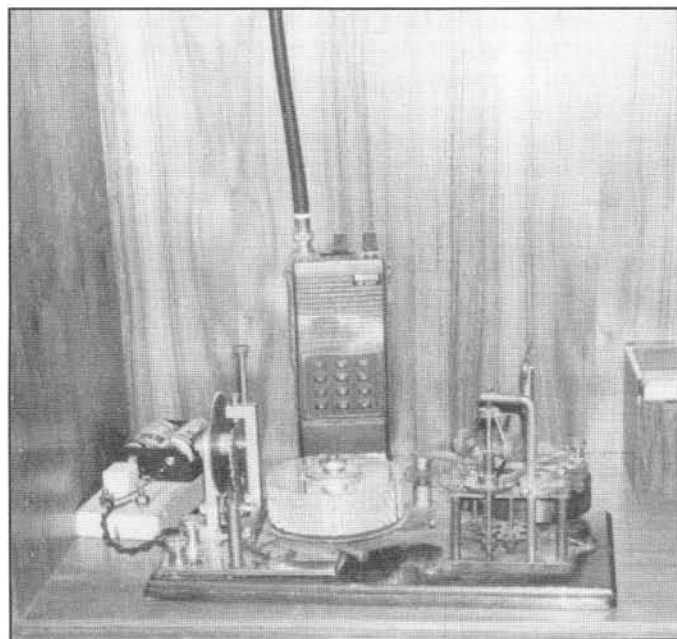
awarded a plaque denoting 75 years since first licensed.

**SILENT KEYS:** Thurmond Beaach, WLØOX, passed away in December 1998 James Murphy, KK6KZ, died in March 1999. We regret their passing and extend our condolences to their loved ones.

**Reuben Onstad N6BAS - Secretary**

## Chapter 16, Arizona

The first Chapter 16 meeting of the new year was held at Linda L's Restaurant in Surprise, AZ and was well attended with 57 members and guests. Bob Menefee, AA7QJ and his "Riverboat Strummers" entertained the group with some good banjo pickin' and clarinet playing several Dixieland Jazz numbers. I wish we could start every meeting with that kind of music-



*Omnigraph similar to the one used to administer CW test to K2WW in 1923.*



*Back row left to right: Tony Cipolla W2QL (60 yr), Gerry Higgins W7ES (50 yr), Walt Schwiebert W8EPO (50 yr). Front row: Chuck Bailey W7YU (70 yr), Lyle Brown W7LGB (65 yr) and Roy Woodruff W2HTX (65 yr).*



*Left to right: Gerry Higgins W7ES - Secy/Treas., Harry Snyder W7HC - VP, Chuck Brelsford K2WN - 75-year honoree and Tom Worthy W7YN - Chapter President.*

it was terrific!

President Tom Worthy, W7YW opened the meeting with introductions around the room and after a short business discussion Tom asked Harry Snyder, W7HC to give the invocation after which lunch was served. Following lunch Tom presented service awards to the following: Chuck Bailey, W7YU, 70 years in amateur radio; Lyle Brown, W7LGB, 65 years; Roy Woodruff, W2HTX, 65 years; Tony Cipolla, W2QL, 60 years; Walt Schwiebert, W8EPO, 50 years and Gerry Higgins, W7ES, 50 years. There were several others listed in the last newsletter that were not in attendance. Theirs will be mailed to them.

Prizes were drawn and Bob Menefee, AA7QJ led the group singing "Has Anybody Seen My Gal" and then the meeting closed with the singing of "God Bless America".

**Gerry Higgins W7ES - Secretary**

## Chapter 18, Findlay

The Findlay (Ohio) Area QCWA Chapter met for their quarterly breakfast gathering on Saturday, March 13, 1999 at the Woodland Restaurant at 317 South Main Street. President Jay (John) Edel, WN8HHJ presided.

Secretary/Treasurer Bill Kelsey, N8ET, presented President Edel with the Chapter's new banner. The QCWA banner had been ordered just after the December 12, 1998 meeting.

Discussion included membership recruitment strategies. Dick Corbin, W8IYC, volunteered to do an initial review of a listing of area amateurs who may be eligible for QCWA membership. Vice President Dick Davies, K8IVP, will review the list after W8ITC and involve others in the process.

The membership decided to get involved in the Findlay Radio Club's field day efforts by providing breakfast on Sunday morning. WN8HHJ will coordinate with the assistance of K8IVP and Rich Flowers, AA8IV.

The next meeting will be held on Saturday, April 17, 1999 at the Woodland. Coffee will begin at 8:30 a.m., with breakfast following at 9:00 a.m. Officer elections will be the primary focus of the meeting.

**Jay E. Edel, WN8HHJ - President**

## Chapter Reports

### Chapter 21, Canton

The regular quarterly meeting of QCWA, Canton, Ohio Chapter 21 was held February 20, 1999, following luncheon at The Hometown Buffet, Canton, Ohio. Following lunch, President Phil Gizzi W8IIV presided for a business meeting. There were 27 members and guests present.

A new member, Jerry Wheeler, Sr., KG8RN, was welcomed. A letter was received from Leland Smith W5KL regarding the QCWA scholarship fund.

President Gizzi pointed out that the Chapter has several awards to be presented. Thereupon, he presented Mae Rauvola W8EKL with the 50 years certi-



*President Philip Gizzi W8IIV presents Mae Rauvola W8EKL a certificate for 50-years of amateur service.*

cate for amateur service. A visit to those members who may not be able to attend meetings needs be planned.

The program for this meeting was a round table to have suggestions made for preferences for places to hold meetings and for programs. Door prizes were awarded.

**David Glass W8UKQ, Secretary**

### Chapter 25, Nebraska

With the beginning of 1999, members of Nebraska Chapter 25 are looking forward to a recruitment effort by each member signing up at least one new QCWA member. Silent keys have reduced chapter membership and the recruitment effort is an attempt to keep Chapter 25 strong. The loss of six members during 1998 not only caused a deep feeling of loss, but brought to our attention that membership in QCWA attracts older hams. We lost, Ivan Cidlik W0WVE, John Ferrell W0YDVI, Chuck Carey WA0DXY, Tom Thiessen K0PQR, Bob Foster W0WRE and Bob Brenneman W0UQJ. We miss them deeply.

The New Year brought a new Board of Directors to guide the affairs of Chapter 25. The President is Dick Newsome W0HXL, VP is Dave Bowder WA0UKE, Secretary is Elden Miller W0KVM, Treasurer is Reynolds Davis K0GND. Board members are Charles Davis NG0M, Jim Leedham WB0BIK, Dale Reandau

WW0R, Dan Wright WA0JRD and Don Perazzo W0YQY.

Activities of the Chapter include two regularly scheduled nets with rotating net control stations. A HF net meets each Saturday morning on 3982 MHz at 0830 CST and all QCWA members from other chapters are invited to check in and say hello. A VHF net in the Omaha area meets on the Ak-SAR-BEN repeater, 146.34/94 each Tuesday at 1900 hours CST. If any QCWA members are in the Omaha area on Tuesday evenings, please feel free to check in. The quarterly newsletter helps keep all members advised of activities and important issues.

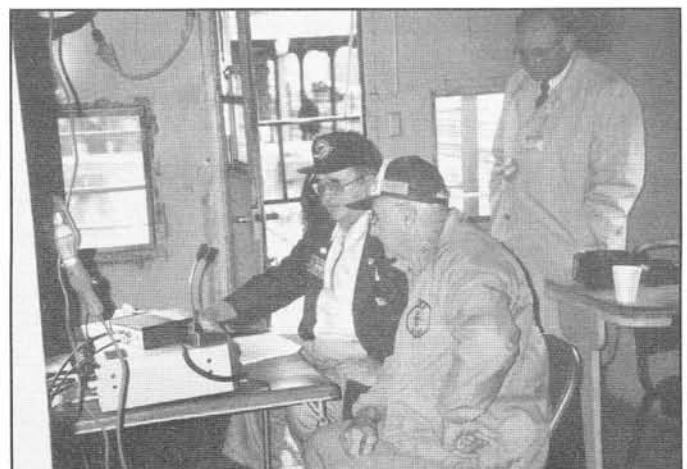
Members of the Chapter are putting April 24th on their calendar reminding them that the Annual Meeting is set aside for that date. 42 members and wives attended the Annual Meeting in 1998 and we look forward to an increased number for this year.

Chapter 25 extends its best wishes to the members of other Chapters and especially to the Board of Directors on National level and pledge our support to their efforts.

**Elden Miller W0KVM**

### Chapter 28, Central New York

On October 9, 1998 a ceremony of interest to radio and railroad groups was held in Binghamton, NY. This was the dedication of a Marconi Tower Historical Marker in Binghamton, NY. Marconi Towers were erected in Binghamton and Scranton, PA to test the possibility of transmitting telegraphic signals to moving trains along the Lacawanna RR, with the first official transmissions to a moving train on November 27, 1913. Chapter 28 participated with a display of amateur radio station installed in a caboose operating on 40 meters as W2MTA, setup and operated by Bill



*Left to right: Bill Thompson W2MTA and Bill Valky K2MFB with unidentified onlooker. Photo by Bob Groh W2IFA.*

(K2MIFB) and Bill (W2MTA). Binghamton Mayor Richard Bucci spoke with Scranton Mayor James Corners via amateur radio and several CW contacts were made. Amateur Radio at Scranton was provided by the Scranton Pocono Amateur Radio Klub (SPARK). Thanks to all who participated for making this event a



success. Additional Marconi Tower information is available on the Internet Web Site  
<http://www.everythingradio.com/Marconiproject.html>

Merl Rigby K2AOV - Secretary/Treasurer

## Chapter 32, Gator

Gator Chapter officers for the coming year are: President Don Bice W4PCO, Vice President Joe Swingle W9DGW, Secretary Bart Bridge W2ZYQ, Treasurer Bill Carpenter WA2KFH. Directors are Frank Obenauf W2IAJ and Bob Kleiber KR8G.

A letter was received from Doc Appleton K4RR, now living in Hendersonville, NC. He said he appreciates receiving the Newsletter and enjoyed the Gator Chapter meetings when they lived in Clearwater. He said that it was unlikely he would be back in the area any time soon as they sold their home in Clearwater a year or two ago. Doc and wife, Enis are doing fine and now that he has had both hips replaced he can walk well again. Doc sends along greetings and best wishes to all.

President Don Bice W4PCO called on Past President Frank Obenauf W2IAJ and Secretary Bart Bridge W2ZYQ to make the presentation of the Hal Bates Gator Chapter Award. This award is named to honor the memory of the founding President Harold Bates W4OIN. This is Gator Chapter's most prestigious award. Bart described this year's recipient as a dedicated Amateur who has served the Gator Chapter as Vice President, President, and Director, and on a number of Chapter Committees. He also is an experienced antenna installer AND remover and NOT afraid to climb towers. Bart called on Bill Bell K4AVH to receive the Hal Bates Award for 1999. Bill expressed his appreciation for the honor.

The Chapter lost another long time member with the death of Fred Frick W4BN on February 1, 1999 eleven days before his 91st birthday. The obituary in Tampa Tribune told of Fred building radio transmitters and receivers in the early 1920s. His brother, Bobby, and friend "Salty" Fleishman played music over the airwaves before Tampa had a radio station. When Florida's first radio station went on the air in Tampa in 1922 Fred went to work for it. He worked mostly as an engineer, but also did some announcing. The station WDAE, 1250 AM, was owned by the Tampa Daily Times.

In the early 1930s, Fred worked in Miami with Thurow Electronics. He and his wife Effie lived there until his retirement in 1973. He continued to operate his ham station until six months ago when they moved into a retirement center. Fred was scheduled to receive his 75-year plaque this year. Effie, his wife of 69 years and daughter Joy Goldberg, one grandson, one granddaughter and a greatgrandson survive Fred. A donation from the Chapter was made to the Scholarship Fund in Fred's name.

The Tampa Bay QCWA Net meets on the K9BSL repeater Saturday mornings at 09:30 local. The frequency is 145.290 down 600 kHz. All are welcome. In-

formal QCWA schedules are held Monday, Wednesday and Friday on the repeater @ 16:00. The Chapter meeting is held the first Saturday of every month at Homer's Buffet 1451 Missouri Avenue in the Midway Shopping Plaza, Clearwater. Lunch starts at 11:00 with the meeting at noon.

Bart Bridge W2ZYQ - Secretary

## Chapter 35, Greater Kansas City

The Kansas City QCWA is having its Spring Ring! With the fresh New Year comes changes. The new slate

of officers include: WØDEL Wilbur Goll President, KØORB Bill McGrannahan Vice President, KØKUD Richard Willis Secretary, WØCLR Jerry Gorrell Treasurer.

The Kansas City QCWA will continue its two luncheon meetings a week, but at new locations. They are: PUMPERNICKS at 95th and Mission on Mondays and WAIDS at 103rd and State Line Road on Thursdays. The noon lunches have member and spouse attendance of 15 to 30 people and have eliminated the need of a formal night Spring Banquet.



Chapter President  
Wilbur Goll WØDEL.

Lunches are informal and full of chitchat and fellowship.

The on air Thursday night QCWA 2 meter net (37/97) continues to meet at 2030 hours with KØYML Gene Gourley the Net Manager. Gene has a time conflict and is looking for an alternate net control at this time. Members who wish to help should contact President Wilbur or Gene.

President Wilbur Goll says the new QCWA year is officially organized and ready to serve members and guests. Our new treasurer who lives in Belton is busy at the moment locating a new repeater in the Harrisonville Mo. Area. This will significantly add to the signal coverage in the adjacent Ozarks region and is a welcomed addition.

Cass Cassing WØGJG - Publicity



**Lose your shirt on  
April 15th?**  
**Replace it with one of the  
spiffy new**  
**QCWA**  
**Golf or T-shirts**

Order from QCWA Headquarters

## Chapter Reports

### Chapter 41, Dallas

The Dallas Chapter recently concluded its Winter social season with its annual formal dinner-dance and informal meeting at the prestigious Bentley Tree Country Club where newest member Mont O'Leary, KØYCN, and xyl were welcomed. Mont was officially presented with the coveted COM41 Bucket containing Credentials of Membership.

Boyd Madison Donegan, W5IF, was awarded a handsome QCWA 75-Year Plaque. Earl Granbery, W5YYC, (the Americanized great grandson of the Earl of Grandberry), reported on his family's recent visit to the ancestral heritage in England. Captain Jordan ("Pierre") Jones, retired Continental Airlines pilot and pilot of the chapter's Lear Jet, PocketRocket 41, transported Pete Ohlson, W5LVM, and xyl Lynn, W5RYX, and Tiny Retzlaff, W5MIY, and xyl Norma, to New Orleans where they boarded a Commodore Cruise Line ship bound for Cozumel, Mexico. Captain Hall Bond, W5ZSB, a retired Braniff pilot and chapter director, informed senior members of the chapter that cockpits of present day airliners are now fully enclosed eliminating unpleasant wind and noise in the cabin and that flying machines are now considered quite safe.

Ken Norvell, W5KN, Barney Moffatt, W5CJZ, and Frank Wolk, N5FW, all excellent CW operators, have again run out of countries to work. Bert Wells, W5JNK, and xyl, Nadine, W5ZUT, divide their time between their home in Dallas and a chateau in Kansas City. Jack Dye, W5LUE, and xyl Doris will represent the chapter at the QCWA National Convention in St. Louis. A request for a per diem allowance was granted and reservations at the YMCA at 12th and Hampton have been made. Luther Pully, W5JIZ, recently completed one of his many trips to Guam where he's attempting to establish a communications business in partnership with an Army colonel whom he admires. John Alford, W5TXL, and his mechanic, Henry Winans, W5KNY, have announced disbandment of "Awful Alford's Motorcycle Racing Team" after 20 years of awful results.

**Bob Olney, N5NT - Publicity**

### Chapter 45, Citrus

Citrus Chapter has had its "ups and downs" since the last Journal entry. We have had two members become Silent Keys and have added five new members.

Charles (Chuck) Bolvin, K4KQ, became a Silent Key on March 8, 1999. Chuck was "into" radio from his teen years earning his first amateur license, W8LVV, he also held a Commercial Radio Operators license working on ship, airline, police and Government jobs from 1936 to 1944. He served in the Navy from 1936-1944 and as an engineer for Pan-American World Airways from 1946-1976.

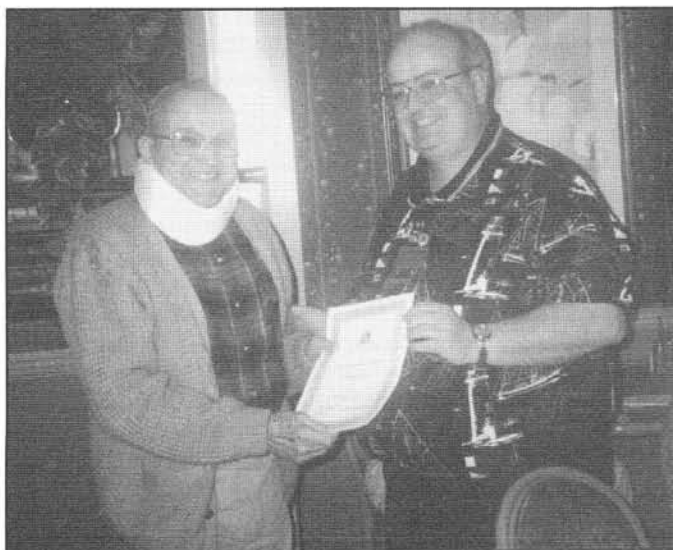
A life member of ARRL he served as Director and Vice-Director of the Southeastern Division. As a life member, QCWA had presented him with a 60-Year Certificate and the Century Club Award. A very active DX'er he held DXCC (HR), 5BDXCC, 5BWAS, WAZ as well as numerous other DX and contest awards. A regular on the Chapter Tuesday evening net he usually had

a list of the DX stations that were active. XYL THELMA, WB4AUR, three daughters, two grandsons and one grand daughter survive him.

Stanley G. Brugh, WA4VCK became a Silent Key on September 2, 1998. Stan was first licensed in 1962. He was a retired Lt. Col. from the U.S. Army and a retired desk officer for the Orlando Police Department. Born in Detroit he moved to Central Florida in 1969. A member of the Retired Officers Association, QCWA, the Early Bird Net, Breakfast Club Ham Net and the Seminole County 2 Meter Net. His XYL KATHRYN B., a son and two daughters, four grandchildren and three great-grandchildren survive him.

On the up-beat side: -The Chapter had a table at the Orlando Hamcation in February. Over 60 QCWA members from Puerto Rico to Arizona signed the register, including KØBC, Gary Harrison, QCWA President. Three new members, Rick Harrleson, WB4ULT, Thomas B. Johnson, W4TEJ and Frederick L. Thurstone, W4UXI signed chapter membership applications at the HamCation. Don Duckett, N9MN and Walter Garber, Jr., W4OVT joined the Chapter at the March luncheon/meeting.

Gary Harrison, KØBC and his XYL visited the Chapter at our February meeting. He presented a 65-year certificate to Fred Rifler, W4FI, a 50-year Gold Certificate to Cloyd Taylor, W4EWZ and a Century Club Award to Norm Ggertz, K1AA.



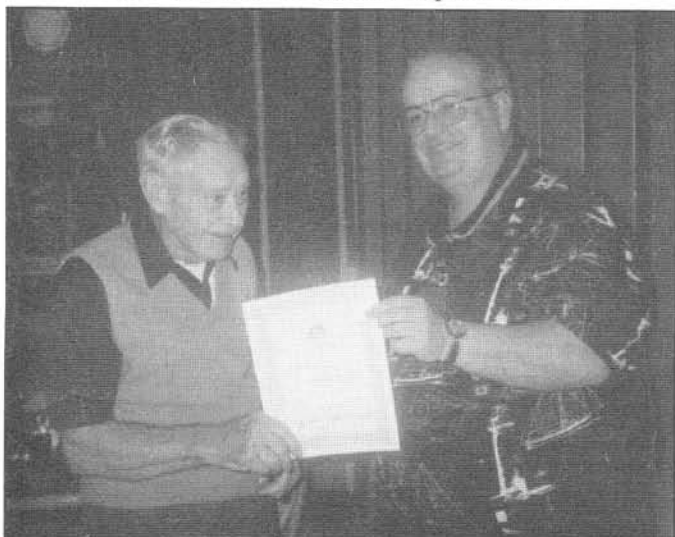
*Cloyd Taylor W4EWZ (l) is presented a 50-year certificate by Gary Harrison KØBC.*

At our December meeting the following officers were elected and took office: Robert Cumming, W2BZY, President and Mort Cohen, WA2ARS as Treasurer. Fred Rifler, W4FI was elected to a one-year term as Vice-President.

The first official act of the new President was to present a Meritorious Award Certificate to Al LaPeter, W2LL, the out-going President in recognition of his many contributions to the Chapter.



*Bob Cumming W2BZY (right) president Chapter 45 presents a Meritorious Award to Al Lapeter W2IL.*



*Fred Ritter W2FI (left) is presented a 65-year certificate by Gary Harrison K0BC.*

Walt Maxwell, W2DU and his bride of two years, Jean, presented the program of the Chapter March meeting. They were going to the Caribbean island where they were married two years ago and Walt decided to make it a DX expedition. Jean gave us some insight on the distaff side of the affair and some of the pitfalls encountered, including a license to operate that had been applied for a year before but had not been received before leaving home. Through family members knowing the right people, Walt obtained a FAX of the license that had been issued which, of course, was found in mail when they got home. Several members of the Chapter made contacts.

Walt also gave an illustrated talk on the theory, development, construction and manufacture of the famous W2DU Balun. He brought several early models and some manufactured units as a part of his presentation.

The Chapter meets at 11:30AM the third Saturday of every month in the Morrison's Cafeteria on State

Route 436 just east of the junction with 1-4, across the highway from the entrance to the Altamonte Springs Mall. All are welcome to attend and enjoy the fellowship. Our Chapter Net is on 147.195 MHz at 1930 local time each Tuesday. If you are in the area, give a call on the net and/or come to one of our meetings.

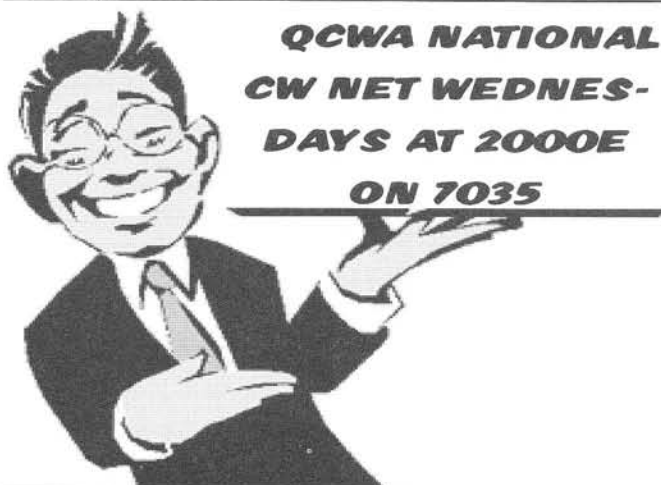
### Chapter 48, Treasure Coast

The Treasure Coast Chapter 48 of the QCWA had a luncheon and meeting at Hodges Restaurant in Vero Beach, on February 15. After the luncheon a business meeting was conducted by Joyce, K4EER, the chapter president. Discussion included future luncheons, new locations for the meetings, trips, and other social events. A motion was made to forego the chapter dues for 1999, and needless to say, it passed unanimously. The secretary read a letter from the National QCWA about scholarships. Presentations were made by the president to Pearce Chauncey, KD4YP, for 70 years as an amateur, and to George Martens, W7MIU for 60 years. Congratu-



*Treasure Coast Chapter 48 President Joyce Anderson presented George Martens, W7MIU (left) a certificate recognizing 60 years as a licensed amateur. Pearce Chauncey KD4YP (right) was recognized with a certificate for 70 years.*

lations to both. 26 QCWA members and guests attended. An April get together is in the works to bid farewell to all our snowbirds. Any inquiries should go to Woody, K4EBK at PH.561 388-0255 or k4ebk@juno.com.





## Chapter Reports

### Chapter 49, Peach State

Our Spring meeting was held on March 6 at Ryans SteakHouse on Jimmy Carter Blvd. in Norcross. President Frankie Womack, W4BJT, called the meeting to order at 1PM and welcomed all. Present were 10 members, 2 "Friends" and 3 spouses. Special welcomes were made to new members Jerry Lofstead W3CDE and his wife Ann, and Fred Runkle K4KAZ along with first time attendee Duane Buchanan K4PTT. Duane won the door prize drawing of a 1999 ARRL Handbook.

K4SZ reported that net participation has been down when he is net control. What's wrong here? W9BKJ and K4SZ have been taking net control duties for K4VN while he's not feeling up to it lately. KT4XF reported that Sci-Trek activities are going well and called for more volunteers to man the ham station at Sci-Trek.

Welcome new national and Chapter 49 members Sam Billingsley AE4GX, Atlanta; Jerry Lofstead W3CDE, Lilburn; John Kludt N9ENG, Duluth and Fred Runkle K4KAZ, Buford. Fred and his wife Pat KC4DOO are very active Red Cross volunteers in the area.

Call sign update: Member Dick Ray received W5SNX, a call he held in the 50's to replace KS4KR. Mary Whatley obtained Judds' call sign W4NZJ in early January under the vanity call sign program. Congratulations to Mary and we were especially excited to hear "W4NZJ" on the Southeastern 6m SSB net again. Member Terry Jones obtained the call of an old friend, W4TL to replace K4FB. Finally, the North Georgia ARC in Dahlonega received W4QQ as their club call. Many of you remember our late Chapter 49 member Bob Conner. Bob's widow, Jean, gave the club permission to obtain his call under the vanity call sign program. Chapter 49 member Duane Buchanan K4PTT is the NGARC president and trustee of W4QQ. Duane recently changed his call from KT4XE to K4PTT and Duane's wife Mary is K4PET (ex KF4ZOR). Other Chapter 49ers in the Dahlonega club are K4SZ and AE4GQ.

VP Mike Swiderski introduced our program speaker, President Frankie Womack W4BJT. Frankie gave an interesting slide show and description of the High Seas Station WOM from 1969 to 1984. This was the AT&T commercial ship to shore radiotelephone service and HF SSB radiotelephone service to the Caribbean and Central American countries from the Miami/Ft. Lauderdale area. Some very interesting equipment and especially the photos of the big HF antenna arrays of rhombics and log-periodics. Thanks Frankie for the great program.

**Bob Lear K4SZ - Sec/Treas**

### Chapter 51, Tex-La Golden Triangle

Our January and February meetings were held at Dorothy's Front Porch restaurant with approximately 40 members and guests present.

Our speaker at the January meeting was Tracy Brooks, a Diabetic Educator and our February program was given by Cindy Lockwood, spokesperson for the Jefferson County Sheriff's department.

Our March meeting was held at Tuffy's Restaurant in Mauriceville in conjunction with the Orange Hamfest. Instead of a formal program we had a informal "eyeball QSO".

**Dub George - Bulletin Editor**

### Chapter 53, Suncoast

Our February meeting was delayed a week because an automobile crashed into our meeting room about two weeks before the scheduled meeting. It made quite a mess but there were no injuries. Frank Schwab, W8OK/J6OK, showed slides of his recent DXpedition to St. Lucia.

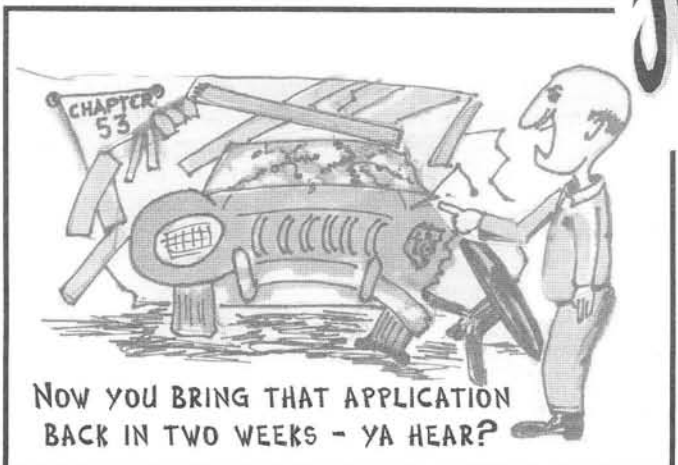
The March meeting was well attended. Forty-one members and their guests heard John Hamlet, W4ZW, tell of his experiences as an entrepreneur in Russia before the breakup of the USSR. His description of life in Moscow was very interesting. He told of the licensing procedure and of the many club stations that were available at that time.

We were pleased to have our President Emeritus, Frank Lester, W4AMJ, and his wife, Sally, join us. Frank was one of the founding members of QCWA. He has been a ham for 75 years.

Croft Taylor, VE3CT, Vice President of QCWA and Alan Pickering, KJ9N, Director, also attended. Alan wore one of the new attractive QCWA shirts and told how to get them.

We meet on the first Thursday of the month at 11:30 in the East Meeting Room at Denny's on Bee Ridge Road in Sarasota. During the summer season we meet informally in Venice at the Half-Baked restaurant.

**Frank Schwab W8OK - President**



### Chapter 58, Colorado

We had forty-two members and guests attend the February banquet at the Greek Town Cafe, it was nice to see so many of you there. Seems like there is never enough time to talk to everyone at these gatherings. After canvassing the entire club roster, there were only two awards found for presentation at the banquet this year. Lou Harrington, WØLM received his 75 year plaque from the QCWA and Larry Amman, K5TQN was presented with his QCWA Century Club certificate. Both of these awards are significant accomplishments and we congratulate you both. Our next banquet will



*Lou Philippi, WØQKR (left) presents Larry Amman, K5TQN with his QCWA Century Club certificate. Larry has been very involved with the BARC Juniors and ARRL to encourage young people to become licensed amateur radio operators.*

be the annual meeting in May.

Don't forget that the club also gets together the second Saturday of each month at the Denny's Restaurant at 275 W. Hampden for breakfast at 8:30am. It is a good chance to catch up with other club members and talk about ham radio and many other subjects. March 13-14 was the winter weekend for the QCWA QSO contest and several Chapter 58 members were heard on the air. Thanks for the participation. The high Chapter 58 score published in the Journal will receive two free dinners to the next banquet. The next contest weekend is September 18-19 and we will also try to come up with an appropriate prize for the local high score.

Chapter 58 will be placing a bulk QCWA badge order. These are royal blue with white engraving that won't wash off when run through the wash. If you would like one, sign up on the list that will be at hamfests and banquets or call Skip Withrow. The order will be sent in about the time that this report is published, so don't delay.

**Skip Withrow, WBØBBE - Secretary/Treasurer**

### Chapter 62, Suwanee

Through the effort of our new President, Ken Simpson, W8EK, we were honored to have National VP, Croft Taylor, VE3CT; Director, John Edel, K8LBZ, and Director, Alan Pickering, KJ9N, visit our February meeting. Croft talked about the concerns and plans at the National level and challenged us to bring in 5 new members this year. We hope to encourage amateurs who have not yet reached the Quarter Century level to become a part of our Chapter as "Associates" and then join QCWA upon reaching the 25-year mark. Looking ahead, we plan to contact other Chapters in central Florida to strengthen QCWA in this area by working toward mutual interests. Along this line, if you plan to visit central FL, join us for lunch at Ryan's Family Steak House at 3933 E. Silver Springs Blvd., Ocala, FL. Meetings begin at 11:30 AM and will be held on August 26th, October 28th and December 9th. Also check into the Suwannee Chapter #62 net which is on every Sat. AM at 9:00 AM local. Adis, W4PFJ, is our Net Control.

**Hal, K2HWW**

### Chapter 64, El Paso

El Paso Chapter 64 meets the 3rd Saturday of each month for a noon luncheon at Bucks Bar B Q and welcomes visitors traveling through and local guests. We also meet on the air each Saturday morning at 1530 on 3933 kHz for a friendly round of visiting.

Officers installed at the January meeting were President Jean Carlson, KØZRD; Vice President C. W. Hiatt, N5HRD; Secretary Manny Gonzalez, W2BFI; and Directors, Milly Wise, W5OVH; Earl Wood, WA5YRP; Jack Scheiderer, AB5CP; and Bob Smith, W5VRF.



*Officers of El Paso QCWA Chapter 64. Back row Left to right: Manny Gonzalez, Jack Scheiderer, C.W. Hiatt and Earl Wood. Front row: Jean Carlson and Milly Wise.*

## Chapter Reports

Jack Scheiderer has 'gone modern' with a new vanity call.. he's now W5JHS.

Many of our members are again taking an active part in planning the El Paso Hamfiesta, which will be held this year on September 18 and 19. It will be held in the same location as last year, the Ysletta Cultural Arts Center, which was a very accommodating location. There will be a QCWA breakfast gathering on Sunday morning, September 19 at 8AM. Everyone welcome.

Our February meeting was most enjoyable, with 37 members and guests present. We helped our past president, Bob Carroll, K5IE, celebrate his birthday that day. Manny Gonzalez, our secretary, proudly announced that his son, Steve, became an Eagle Scout recently. That's a goal only a small percent of our young men achieve and it means so much for them all through life. (I speak as a mother of 3 Eagles.)



*Charter members of the Sun City Radio Club left to right: George Nail, Milly Wise and Leo Oyler.*

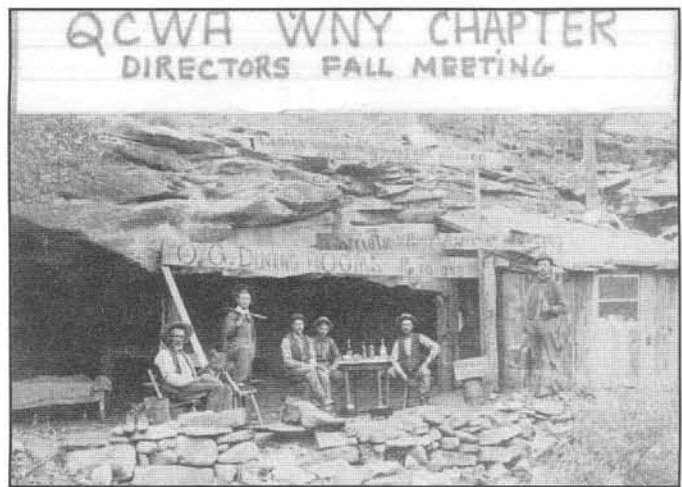
Many of our members helped celebrate the 40th anniversary of the Sun City Radio Club, K5WPH, and our Milly Wise, W5OVH, George Nail, K5GSA and Leo Oyler, WØGOW, were recognized as charter members of the club.

**Jean Carlson KØZRD - President**

### Chapter 65, Niagara Frontier

Our Chapter regrets the loss of two members, deceased. They are "Guz" Guzinski WB2EZU and Ken Coppola N2BYM.

The cost of our monthly luncheon at Flying Tigers is now \$7.50 - still a good buy. Remember the second Saturday of each month at noon. Non-members are welcome too.



*We should meet in a better place!*

Norm W2VEX and Ken K2FJ (using club call W2SD) were active in the March QCWA QSO Party. Let's have more Chapter 65 members participating. Even a few contacts are quite welcome! See page 52 Journal Winter 1998 for rules.

We welcome a new member, John LaMond W2TVS of Williamsville. John's first call was WN2TVS in 1974. He is disc jockey on WYRK, Buffalo.

The Greater Buffalo Hamfest (Lancaster Radio Club) is August 15th at the Hearthstone Manor. Mark your calendar.

One of the benefits of being a QCWA member is qualifying for one of the certificates or Operating Awards listed on page 29. A nice addition to your wall paper in the radio room. Let your secretary know. We can put it in the Journal.

**Ken Palmer K2FJ/ZB2G - Secretary**

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# Member Supplies

## Certificates

**Membership Certificates** are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued.

**QCWA Gold Certificates** celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.

**Gold Certificates** are issued in five year increments; 55, 60, 65, 70 and 75 year certificates free of charge to eligible members.

**Fifty Year Continuous Licensing Gold Certificate** available to eligible members. Requires submission of proof of continuous licensing. There is a \$5 fee for this certificate. Applications are available from QCWA Headquarters.

**QCWA Century Club Certificate** is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more. No charge for this certificate.

**Meritorious Award Certificate** is issued by Headquarters upon request of any active QCWA chapter. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio. No charge for the award.

## Operating Awards

**QCWA Operating Award Certificates** are issued to QCWA members by the Activities Manager. Proof of eligibility is required.

**QCWA Worked 50 States Awards** are issued to QCWA members who have contacted members in each state of the union.

**QCWA Worked 100 Members Awards** are issued to QCWA members who have contacted at least 100 QCWA members.

**QCWA Worked 60 Chapters Awards** are issued to QCWA members who have contacted members of 60 chapters.

**QCWA Worked 500 Members Awards** are issued to QCWA members who have contacted 500 QCWA members.

## QCWA Lapel Pins

Without year tags, tie-tack, safety pin or screw type. Plain pins (no year) - \$10

With year tags (clutch-type only). Specify year; 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 - \$15

QCWA Life Member pin - \$5

## Other Member Supplies

QCWA Embroidered emblem - \$5

450 QCWA Red Stamps (regular) - \$3

450 QCWA Gold Stamps (life) - \$3

400 QCWA Yellow Stamps (50 Year) - \$3

QCWA Cap with logo - \$5

QCWA Chapter Banner - \$200

QCWA Decals - \$1

QCWA QSL cards - (see ad elsewhere)

Please send your order to QCWA Headquarters, 159 E. 16th Ave., Eugene, OR 97401-4017.

Phone (inquiries only, no orders): 541-683-0987, Fax 541-683-4181

We do not accept orders charged to credit cards.

## Chapter Reports

### Chapter 70, National Capital

Some of our members may be wandering around looking at hydro lines! Any interference to our receiving radio signals is not welcomed. Having had an Energy Services Advisor from Hydro speak to us on possible causes of interference to radio reception, we are now more aware of blown lightning arresters, flashed over insulators, loose drop links to transformers, grounded neutrals, etc. Of course the utility is not responsible for being a carrier of other people's equipment that may be causing a problem. By working together though, the Radio Amateur is not only helping himself by hopefully eliminating the cause of the interference, but also possibly preventing a bigger and more expensive problem for Hydro.

Sixty-five years of being an Amateur Radio Operator is quite an achievement! We have five members with their 65 year pins in our Chapter - George Adamson VE3XS; Jim Jarvis VE3TI; Bill Marsh



*QCWA Chapter 70 Director Doug Leach VE3XK (l) presents 65-year pin to Doc Plummer VE3MA (r) at September Dinner Meeting.*



*Chapter 70 members are awarded certificates at the February 1999 dinner meeting. Left to right: Ed Morgan VE3GX (60), Fred Turner VE3LV (60), Fred Green VE3IO (60), Eli Desson VE3PI (60), Bill Rothwell VE3FGW (50) and seated George Adamson VE3XS (65).*

VE3SB; Doc Plummer VE3MA; Charles Poole VE3OJ.

Look us up at <http://www.qcwa70.cyberus.ca> And Meet Me in St. Louie, Louie!

**Joan Powell VE3ZC - Secretary/Treasurer**

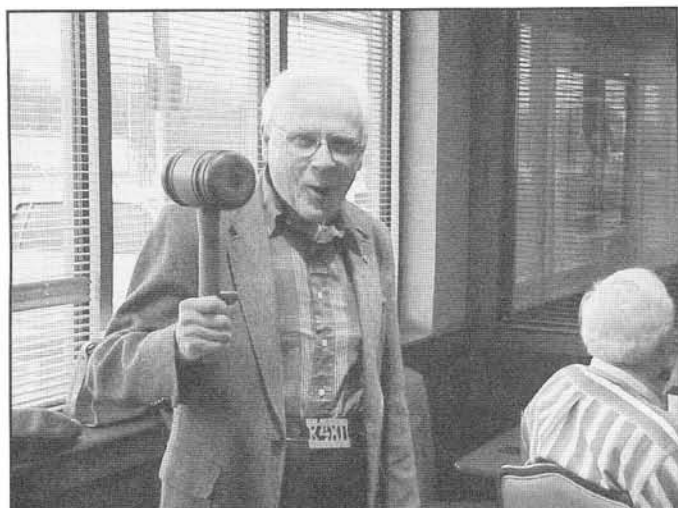
### Chapter 76, Blue Ridge Attention Getting System

During the latter part of my term as chapter president, I realized that my successor would serve in the Silver Anniversary Year of Chapter 76. I also recalled that, at times, I had trouble getting the attention of the group when it was time to start our meeting. As it happens, our first chapter president Harry Mills, K4HU, was elected and will serve as president for the Silver Anniversary year ...1999. Something appropriate needed to be done to note this very unusual happening. After all, it was like seeing Halley's Comet twice in the same lifetime! Now, Harry happens to be a rather soft-spoken man and has seldom been known to yell at anyone much less a group of old time operators and friends. Harry needed something to assist him as a "presidential attention getter" and a commemorative gavel system appeared to be the answer.

A detailed review of the project to establish a set of system specs was the first order of business. A requirement for FIVE specific pieces was determined: A. SOUNDING BLOCK B. SOUNDING BLOCK BASE C. BLOCK PROTECTION SYSTEM (actually, furniture protection) D. GAVEL BODY (commensurate with the magnitude of the event) E. GAVEL HANDLE (with sufficient strength to connect the president's hand to the gavel body)

My friends have the impression that I collect almost anything .....and they're right! I hate to see anything worthwhile go to waste. So, looking through my extensive resources (aka "wood junk"), I had saved some scrap construction lumber from my neighbor's house and found a perfect piece of 2x8 pine. However, being pine, it was a bit too soft to serve as the striking surface for the gavel. Back to the woodpile and a beautiful piece of red oak emerged on that I had carried around the country for TEN years! It had once been used as a pallet for shipping steel used to make filing cabinets and had been rescued from an ignominious end as firewood! With that history, it would serve well as a striking surface. The final piece of the sounding block was something to protect the furniture! Scrap carpet samples remaining from my house construction filled the bill. There it was - Oak atop pine with carpet underneath. So much for the gavel "sounding block" base.

Next the gavel. Here I needed a hard wood, but not necessarily as hard as the red oak. It happened that a few years back, a large maple branch came down in an ice storm. True to form, I saved it for "something" in the future. In this part of North Carolina, locals say there are "hard" maples and "soft" maples. This chunk looked hard enough to me and since Mother Nature had helped out with the initial shape, it would be fairly easy to turn it down on the lathe to an appro-



*Harry Mills K4HU speaks softly and carries a big gavel.*

priate size. Finally, the handle. The scrap pile provided the leg from an old oak three-legged stool. Plugging the holes where the cross rungs had been and a bit of turning on the lathe and I had an appropriate handle. Things were coming together.

Assembly wasn't difficult. I hollowed out a place in the pine block and inlaid the red oak. The carpet sample was glued to the bottom. The base assembly was stained and varnished and a quality paste wax was used on the red oak "striking" surface to minimize damage from a pounding gavel. The gavel itself received the same treatment of stain and varnish and the striking ends were given the paste wax treatment to minimize "damage".

The finished gavel was presented to the chapter and incoming president at the annual Christmas party last December. In the end, even my XYL was surprised that such a thing of beauty could arise from my scrap wood box that she has long thought had little value. I did add a final touch of commercialism ... a small brass plate from a local trophy house to affix to the base that would bear the names of successive chapter presidents. I'm proud that my name is the first on that plate.

**Lloyd W4LSK**

## Chapter 77, Northern New Jersey



*Members of QCWA NNJ Chapt. 77 proudly display their banner at a recent luncheon held at Mario's Restaurant, Clifton New Jersey.*

Members of QCWA NNJ Chapt. 77 proudly display their banner at a recent luncheon held at Mario's Restaurant, Clifton New Jersey. The group is looking forward to spring and warmer weather. Trips and picnics are on the activities horizon. It's a great time of fellowship and fun. Members are urged to bring a friend to the festivities. Hope to see you there

**Gene Filipponi, AG2R - Secretary/Treasurer**

## Chapter 81, Long Island

We have amended our By-law to provide for chapter Associates. So far we have recruited one who was a radioman in the navy and a merchant marine Radio Officer since 1943. I hope we can get him to tell us some good sea stories.

The chapter newsletter will have biographies of some of the members over the coming months. We'll print all of the bios that are submitted and so far only one has turned up. The roster has shrunk a little since the Island wide mailing at the end of 1997. Several of the chapter recruits obtained then have dropped out this year.

Many, NN2C, and Herman, W2TLC, managed to recruit nine new members for QCWA at recent ham gatherings. We'll recruit them for the chapter when they have their credentials.

Another priority we have is making sure we have a backup meeting place that costs the same or less than the present meeting place. That's a tall order with the list of requirements imposed - handicapped access, private room, varied menu, umpteen courses, centrally



*Left to right: Ria, XYL of Howard W2QUV and Dee WA2YPL XYL of W2QBR.*

located and all for a low bottom-line price on a week-day evening.

The ladies in our photo are Ria, XYL of W2QUV and Dee, WA2YPL, who have been pretty faithful about attending our mostly men's meetings. I couldn't bring myself to submit another photo of a codger without a break for some simple beauty in the column.

**Carroll Hamlet - W2QBR - Secretary**

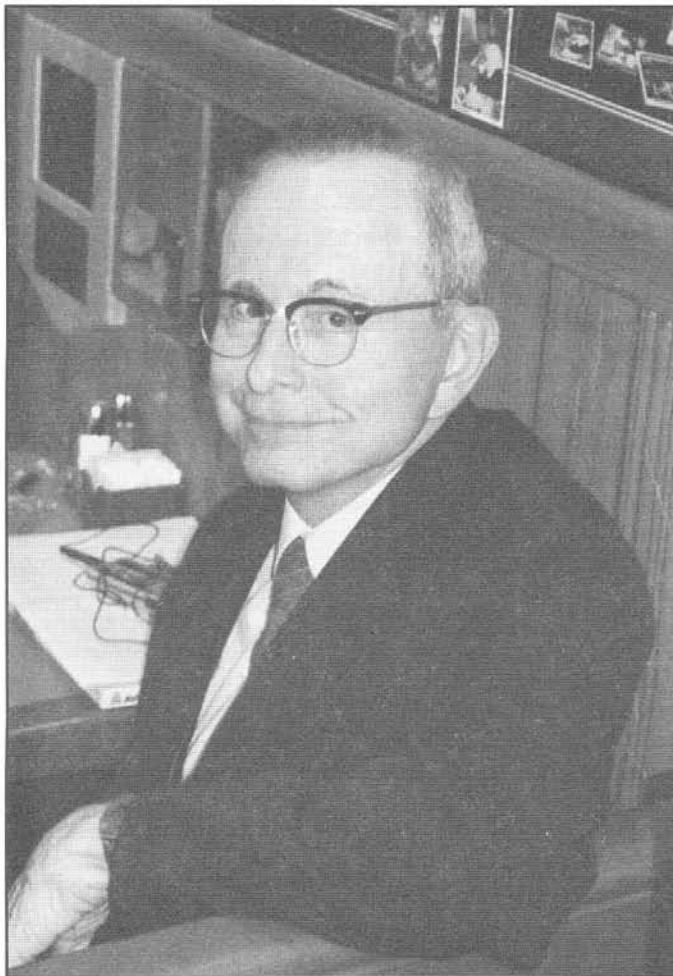
Advertising Misprint

**Fully cooked boneless  
smoked man - \$2.09 lb.**



## Chapter Reports

### Chapter 91, Vic Clark

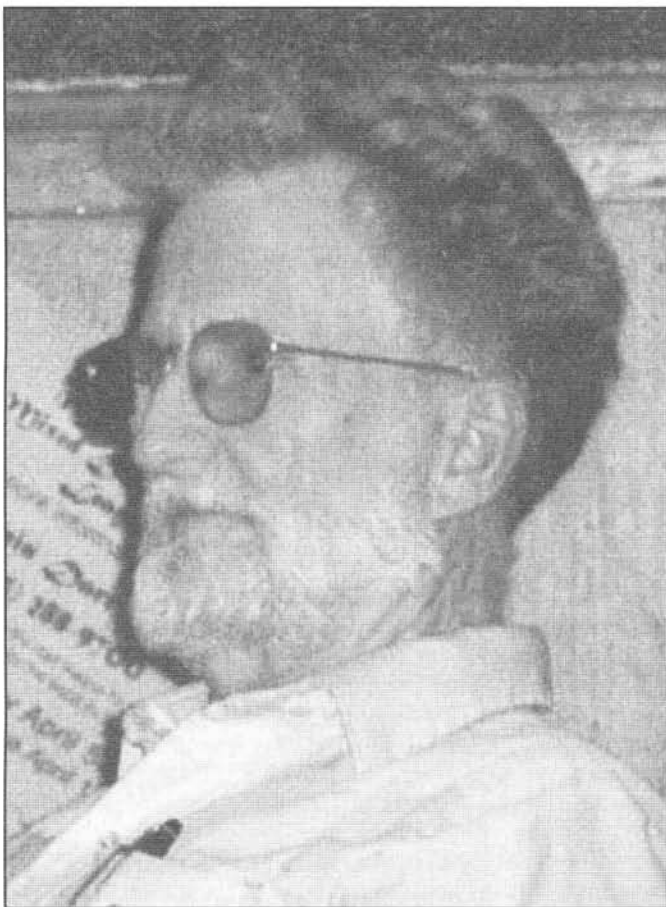


*Chapter 91 member Dr. Bernie Keiser (W4SW), who is just as friendly as he looks here, was the featured speaker at our March 1999 meeting.*

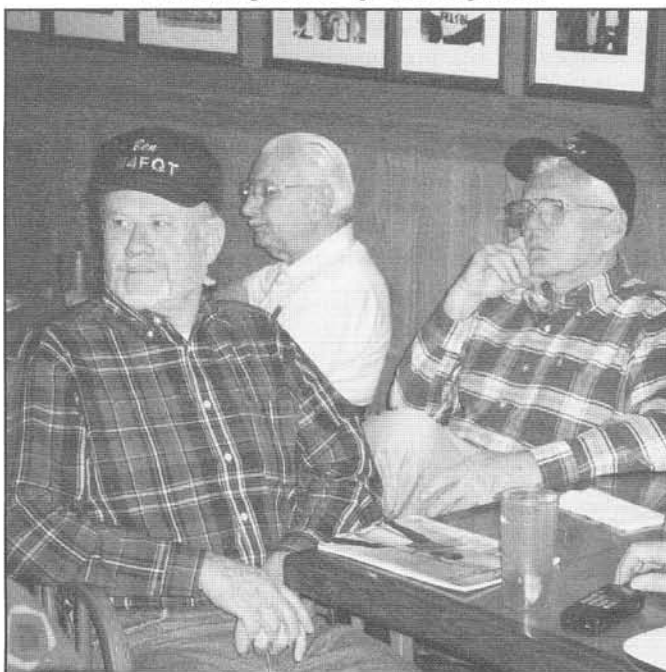


*We are fortunate to have visionary officers who are both interested and interesting: VP Dick Rucker (KM4ML), Secretary Jack Kelleher (W4ZC), Treasurer Jim Laughter (W4EE), and President Terry Hines (N4ZH). You recognize Jack, of course, as QCWA's last year's National President.*

*There's nothing so good for the soul as work that one loves.*



*This is the Vic Clark Chapters newest member, Bix Bixby (W4BIX). Bix also is a PCS and cellular expert, and here is elaborating on one of Bernie's points.*



*Ben Baddley (W4FQT), Floyd Martin (W4RW), and Ray Johnson (K5RJ) pay close attention to Bernie's presentation.*

**Chapter 95, Eastern New York**

The lawn needs mowing and the kids want to go to the beach. Oh heck, can't keep everyone happy, might as well go in and see what the bands are doing. We all know the sunspot cycle is up, and now is the time to get those DX contacts in the log. I'm not much on DX myself, but I've been known to chew the rag. Those of you who know me realize that I love cw. There is a cw sked that I've checked into for about four years now. Aha, the kids want to go to the beach and I want to do cw. Now here is an idea.... I'll invent a picnic basket that also holds a QRP cw rig. Yup, the more I think about it, that might make a big hamfest sales item. Luckily, New York State is full of parks and picnic grounds. We can make a trip each Sunday to a different park and operate the QRP rig while munching on hamburgers and hot dogs. Well that settles it, the kids will be happy and I will enjoy cw ..... oh nuts the lawn still needs mowing. Now how can I get that taken care of? Actually the yard here is good size and I use a tractor to mow it. Much too much noise for a handheld. The kids may have the solution to this. They have asked many times to bring home a goat or two from the farm. The goats could eat the grass and I could drink lemonade on the patio and have a QSO. Nope, not such a good idea, too many extra chores when you have farm animals, if you get the drift. .... hmm .... OK only one thing to do, I'll have a contest. Here is how it goes, Problem: How do I get the lawn mowed and take kids to the beach and have cw QSO. Send all solution entries by NTS to KJ2T. The winner will get mentioned in a future chapter report.

**KJ2T - Secretary/Treasurer**

**Chapter 102, Dakota**

The Dakota Chapter 102 operated special event stations on 13 and 14 February 1999 to commemorate the 22nd anniversary of the chapter. Using the Chapter Call, WØDAK, 9 operators from their home station covered 2-hour schedules during the operating time. 160 through 10-meter bands were used on both CW and SSB modes of operation. A total of 347 contacts were made during the scheduled 24 hours of operation. This is over 50% more contacts than last year.

The chapter has a Traveling Trophy for the member who makes the most contacts during this special event activity. This year it went to Ray Telkamp, WBØKWE of Spearfish, South Dakota who made a total of 81 QSO's. The members who operated were Frank-NUØF, Dave-KØERM, Tom-NIØI, Jack-KØSTF, Ray-WBØKWE, Cory-WØYMB, Al-WØLX, Roger-KØROG and Art-KØQQ.

Many favorable comments were received and the one that impressed us most was on a QSL card we received, it said "It's nice to hear a QCWA chapter doing something besides Checking into nets".

Next year we will plan to have another special event operation. Hope to hear you next year for number 23.

Dakota Chapter 102 member honored by the National Weather Service.

**Albert Gull-KØAIE (QCWA #23759) from Edgemont, South Dakota.**

Fifty years is long time! Albert-KØAIE has been a member of the Edgemont Methodist Church for 52 years, 42 years as a ham Radio Operator, 35 years with the Volunteer Fire department and 30 years with the Lions Club. All so called part time activities. But how about being an Official Weather Service Volunteer Observer on a daily basis for over 50 years. Gull, 83 have been gathering weather data for the National Weather Service longer than any of the current observers in the Western South Dakota and Northeast Wyoming area. And for that achievement he was honored in January with the presentation of The Stoll Award. (This award is named after Edward H. Stoll, an observer whose uninterrupted service ran 76 years).

Up at 5:20am every morning, as a ham operator he checks into nets in SD, WI, KS, CO and NE. It is reliable weather information and dependable communication to and from Western South Dakota. Nearly everyday, weekend included, this data is fed to the Weather Service and the Rapid City Journal.

Starting with a thermometer and a bucket to measure snowmelt on the stove, he has seen technological progress through recording paper charts, to remote sensor gear at his computer desk. The Weather Service could never moth ball guys like Albert because their field reports fine tune the formulas used to make weather projections base on radar readings.

Oh yes-Albert has been a Mason for 41 years was retired in 1980 from Black Hills Power and Light Company after 42 years of power company work and in April 1999 has been married to his gracious wife Irene for 57 years.

Maybe-just maybe-for a busy and interesting guy, 50 years isn't such a long time after all.

**Roger Kehm KØROG - Vice President**

**Chapter 105, Middle Tennessee**

I am sorry that I cannot report a rapidly growing membership, but there is hope that changes can be made to change this aspect of the chapter's being. We are holding steady in membership and meeting attendance. There are some proposals that may help this situation when they are implemented. There is great need for all the present members to get involved. There may even be interest in specialized programs, maybe technical and/or just entertainment at the quarterly meetings.

The membership voted to purchase a Q.C.W.A. banner to display at gatherings, such as hamfests, picnics, tailgate parties, etc. It is believed that the presence of the banner along with chapter personnel working the event, the eligible will be reached.

I would like to hear from the other Tennessee chapters on the possibility of having a joint meeting some time in the future. It might be that a meeting of this kind would be the spark plug for all out Tennessee chapters. If any other Tennessee chapters are interested in a joint meeting, get in touch and lets see what can be done.

**O.D. Keaton WA4GLS - Secretary**

## Chapter Reports

### Chapter 111, Palm Beach

Attendance at the regular monthly-luncheon meetings for chapter 111 continues to be influenced by the yearly season. In winter our attendance swells due to the arrival of the northern "Snow-Birds" who prefer our perpetual sunshine to the snow plow. As far as our meeting places are concerned it would appear that we are a somewhat nomadic chapter in search of a permanent place for our meetings. Sadly, the last 4 out of 5 restaurants went "belly-up". We hope to get established at a restaurant that holds the promise of longevity real soon.

Past Presidents Bob McDow K4KOG and Forrest Haynes K4YPO are well and send their regards to their many friends in QCWA land. We regret to report that Glenn Andrews W4OMY and Tony Sariti W4DTO have been added to the Silent Key roster.



*Left to right: Angelo Tagarelli W2TVE - President, and Jeff Beal WA4AW - Secretary.*

In August of 98 we were visited by Dave Rosenbaum, Chief Pilot of the Aviation Unit of the Florida Department of Forestry. Dave gave us an interesting presentation about the mission of his agency, which did a fantastic job fighting the many forest fires we had last year. Dave's visit was in response to an invitation from our new Secretary, Jeffrey Beals WA4AW who is assuming that office in the wake of the relocation of former Secretary Don Hatfield WN4YKC. Don takes with him our best wishes and thanks for his dedicated service to our chapter.

**Angelo Tagarelli W2TVE - President**

### Chapter 119, Tidewater

Tidewater Chapter 119 held its annual banquet at the Fort Monroe, Virginia Officers Club on January 22nd with chapter president, Charlie Chapman, W1WTG, presiding.

Service awards were presented to Jim Wise, W4PRO, fifty years; Bus Etheridge, K4IX, 60 years; Walt Honea, W4HM, 60 years; and Nap Perry, 65 years.

After a delicious buffet dinner, chapter secretary Jim Wise, W4PRO, made a presentation on his recent tour of South Korea and the Peoples Republic of China.



*Presentation made by Jim Wise W4PRO.*



*Bus Etheridge K4IX (right), receives 60-year award from Charlie Chapman W1WTG.*



*Nap Perry W4DHZ (right) receives 65-year award from Charles Chapman W1WTG.*





*Walt Honea, W4HM, 60-year award from Charles Chapman WIWTG.*



*Jim Wise, W4PRO (right) receives 50-year award from Charles Chapman WIWTG.*

While in Korea, Jim visited with Butch, HL9BA, and Min, HL1SSG, both in Seoul.

**Charlie W1WTG**

## Chapter 120, QCWW

I am sad to report that we just recently learned of the loss of another member. Pauline Avery, W7FHW became a Silent Key last August. Our sympathy to her family.

Our condolences to Shirley Tinstman in the loss of her husband, Wally, who passed away Oct. 12, 1998.

QCWW Chapter has a new editor. It is rare in any organization to have a member volunteer. Dawn Cummings, K1TQY did just that we are indebted to her and hope she enjoys her new job. She will be glad to hear from any of the members with news items. Summer is almost here and we will all be enjoying more outdoor activities. Drop Dawn a note and tell her the interesting things you have been doing.

I'm sure many of you in the stormy areas of the

country are tired of the snow. Those in other places didn't have enough snow for real good skiing. The only thing we lack here in sunny Florida is rain. We have had a beautiful winter but with so little rain we worry about fires.

Mary Lewis, W7QGB is our Nominating Committee Chairman. If you are called on to fill an office please help. If you would like to volunteer for an office she would like to hear from you.

The QCWA Convention will be in St. Lewis, MO Sept. 24 & 25. We always have a wonderful time seeing old friends and making new ones. Missouri Chapter #19 has many interesting things planned and QCWW Chapter will have its annual meeting. Plan to attend you will have a great time. So, as their ad says "Meet me in St. Louie. Louie".

**Blanche, W4GXZ**

## Chapter 122, Lake Erie Tn-State

The annual meeting held on October 31st at Hoss' Steak and Sea House in Erie, Pa., was highlighted by the fourth appearance of Matt Shields, Project Assistant of the PELLRAD Program at Penn State University. In this presentation of the Public Education on low-level radiation series, Matt's topic discussed Medical Uses of Radiation. With the help of an overhead projector he described the great progress made in advancing techniques of the science from simple X-ray area photography, to specialized narrow, focused radiation treatment of malignant tissue and the use of discriminate implants, as well as, equipment sterilization. In Q&A, interesting exchanges in experiences and information transpired.

Matt is like a regular member as he has visited us on previous occasions. We hope there are other topics in the offing for future meetings.

During the intermission, chapter dues were accepted by Treasurer, Sid Stacey, W3MMJ, including reinstated member Clarence Moser, W3RLJ; also recently, Frank Bogacki, K3QJE. John Duda, ex K3ED, now holds original, call, W1REM.

Anticipating possible defection from QCWA by charter members due to poor health and related financial distress, a search was made to enable these loyal supporters to retain membership. A solution was found in Chapter by-laws; Article 1., Membership, Section. 2B. Special Membership; a variance was made on the Hardship classification to accept charter members continued QCWA membership by reimbursing national dues by the amount of chapter dues. This exception is reviewed, based on charter membership, serious health and financial distress. To date one member, who became inactive, accepted reinstatement under this innovation that became effective on November 2, 1998.

The last order of business before moving on to the door prizes and awards was announcement of an estate sale of equipment in the collection of recent Silent Key, Andy Anderson, W3YLI, who died July 8, 1998.

Fifty-year certificates were presented to John Duda, W1RIM, Dick Quiggle, W3NGO, Joe Yusz,

## Chapter Reports

W3KKT and Sid Stacey, W3MMJ. Bert Van Houten, W3TPW, was awarded the Meritorious Award Certificate, a presentation for his many contributions to the success of Chapter 122. As with many chapters a special criteria is evaluated before presenting the award. Qualifications considered are those above and beyond normal duties of office usually expected, such as, membership recruiting, fund raising, sponsor of several QTH picnics.

Door prizes awarded to Jerry Owens, W3GHO, a QCWA patch, Dick Quiggle, W3NGO, a Computer Power Supervisor; Dick's wife, Lois, received the XYL \$5 lunch rebate. Since there were no qualified, non-members, present the recently adopted voucher went unclaimed. Contact was recently made with Norm Brooks, K0ORB, author of The Dark Theory, published in Worldradio, sometime during the mid-late 80s, before the present small size format. He can't find the issue. W both would like to know the date of that issue. Anyone having Worldradio to reference, please contact me.

**G. Paul Gerbracht, W3QPP - President**

### Chapter 126, Piedmont

The March meeting of the chapter was held in a United Methodist Church in Salisbury, NC. The location was chosen because of the excellent buffet luncheon Methodist women are famous for, all over the Country. There were 32 members and guests in attendance. In addition, the Fellowship Hall of a church provides a large well-lit room for such occasions.

The meeting was presided over by newly elected President Grady Withers, K4BEC, who asked for a moment of silence for our departed president Bill Wray, K4BPH, who became a Silent Key in January 1999.

We had the pleasure of having one of our members, Ray Rising, K4LWJ, speak to us. Ray is a member of JAARS, Jungle Aviation and Repair Service, which is an arm of the Wycliffe Bible Translators headquartered in Waxhaw, NC. He was assigned to work in Columbia, South America. In March 1944, Ray was returning from another village to his home in Lomalinda on his motorcycle. He was met at the gate by an armed band of guerrillas who whisked him away into the deep jungle and an uncertain future. For 810 days, his belongings consisted of a crude bed and a small platform of sticks that kept his body two feet off the ant infested ground. A mosquito net, a rain poncho, and a small piece of plastic to use when it rained were also issued. Ray told of many trips in the night as his captors kept moving to escape the government forces hunting them; his fear of death, but which his great faith and a Spanish book of Psalms, and an English version of the New Testament comforted him. He was finally released unharmed in 1996.

Ray has written a book, called, "Guerrilla Hostage - 810 Days." It is published by Baker Publishing, and will be sold in Christian Book stores in May 1999. His trials and tribulations, and the comfort he received by his faith in God are documented in that book.

The 8:45 Sunday morning Net on 3935 kHz is continuing to be popular. There were 180 checkins during the last quarter, with 24 different stations reporting. W4WXZ had perfect attendance, with K1AF, N4UH, W4DGJ, and W4DWR missing only one session. All QCWA members are invited to check in when passing through, or are permanent members of the Tar Heel State.

**Henry Elwell N4UH - Secretary**

### Chapter 128, Pelican

Our January meeting was a great one with a guest speaker from the mental health department, talking about Making Changes and Good Health Topics.

In February we had a number of guests who were introduced and later talked about QCWA. They were: National President, Gary Harrison KØBC - National Vice President, Croft Taylor VE3CT - National Director, Alan Pickering KJ9N - National Director, John Edel K8LBZ

Blanche Randles, W4GXZ, spoke about the extending honor to the silent key members by placing their membership pin on the banner of the Pelican Chapter. This has become an integral part of the Chapter history.

In March, the Pelican Chapter had as a speaker, Jenell Tucker, who talked about "Where has all the humor gone". It was very well received by the membership. She and her husband are clowns who bring joy and laughter to sick children in the area hospitals.

The membership was reminded about the QSO party event and the National Convention in St Louis Sept 24 and 25, 1999.

Our Chapter meetings are held on the second Wednesday of each month at Buddy Freddie's Restaurant, 58th Street N and 9th Avenue N at 11:30 a.m. A room is reserved for the Chapter meeting and dining. Chapter nets are on 145.290 Monday, Wednesday and Friday at 4:00 p.m. and on Saturday at 9:30 a.m.

**Kenneth H Johnson WA4TOP - Secretary**

THE JOURNAL IS AVAILABLE FREE TO  
BLIND PAID-UP MEMBERS ON AUDIO  
CASSETTE TAPE. FOR MORE  
INFORMATION, CONTACT  
TOM CARTEN, KIPZU  
(tfcarten@leo.kings.edu) or  
BLANCHE RANGLES, W4GXZ (MAY 1-  
OCT. 1) 44 Western LN., Amherst, MA  
01002 PH: (413) 256-0179; and (OCT.  
1-MAY 1) 6002 N. Fremont, Tampa,  
FL 33604  
PH: (813) 870-0867.

## Chapter 134, Pine Tree

At the March meeting of the Pine Tree Chapter, conducted by President Bill Woodhead, N1KAT, there were 20 members and guests in attendance.

The meeting was held at the ARRL Maine State Convention and Andy Hamfest where a QCWA table was set up with the usual QCWA related items for sale and where application forms and informational material was handed out to interested passers by. Several people picked up application forms and info packets. We hope they will follow through by completing them. Harold, W1EES, offered his assistance to anyone who needed help in filling in the blanks.

During the meeting QCWA Awards were presented to two of our members. The 65th Anniversary Award



*Dick Baldwin, W1RU, receiving his 65 Year Award from Bill Woodhead, N1KAT.*



*Norm L'Heureux, W1SCM receiving his 50 Year Award.*

Certificate was given to Dick Baldwin, W1RU, and a 50-Year Certificate to Norm L'Heureux, W1SCM.

Dot Young, W1TGY, gave a report of the Chapter Nominating Committee and presented a slate of officers for the 1999 election. Harold Chase, W1EES, National Director and Chuck Walbridge, National Secretary made brief remarks. We received word recently that Leslie Coffin, W1IQO, a Charter Member of the Pine Tree Chapter had become a silent key after a long illness. Les will leave a big gap in the family of this Chapter. He was 91 years old.

The next luncheon meeting will be in the Bangor, Maine area on June 5. Gerry Burns, K1GUP, Will check on facilities for that event.

**Phil Young W1JTH - Secretary**

## Chapter 142, Northwest Ohio

Chapter Officers, now serving for the 1999 year, as elected last November: KG Bullock W8YDJ, President; Norm Burnett K8ZJC, Vice-President; Bob Hanna K8ADK, Secretary; and Bernie Fine WD8C, Treasurer. Bob and Bernie were incumbents and were swept into office, unopposed!

Our Chapter presented the Meritorious Award for 1998 to Bernard Fine WD8C. Bernie has been an active member of the chapter since 1991. For the past few years he has maintained a monthly Silent Key report. He took over the office of treasurer in 1998 and is doing an excellent job serving in that position again this year. The chapter has a Web-site on the Internet, due to his solo efforts in creating and maintaining it. He is a big man with a big heart, a wonderful sense of humor and a great asset to Chapter 142.

The chapter had two tables at the annual Hamfest/Computer Fair held in Maumee, OH this spring. Thanks to General Manager Jim Walsh, we received a 'Care Package' that helped us to sign up three new QCWA members. We ran a 50/50 raffle and that brought in more than our yearly dues collection. At 1 ticket for \$1 and 3 tickets for \$2, most took the "Bargain" two bucks offer. The minor cost to us is just for additional tickets, but the take increases by more than 50 percent over just "One for a buck." It works!!

Our chapter net has received permission to utilize the Toledo Mobile Radio Association (TMRA) repeater. That has now proved to be more than satisfactory and Chapter 142 very much appreciates the generosity of the TMRA in making it available to us. The frequency now is 147.27 (+), still on Wednesdays at 8:00 p.m. Net Control uses W8FO, the chapter station call.

Jim Apsey K8JA, who initiated this Chapter 142 two meter net, sends e-mail reminders of the Wednesday schedule. He also has been sending post-net logs listing participants. In addition, Jim and Ken Wright W8NOT have e-mailed statistics covering all stations who have checked in, the number of times they have been in this year, their names and city. A very nice service!

Dave Alexander W8GD, a charter member and Chapter 142 Meritorious Award recipient for 1997 be-



## Chapter Reports

came a Silent Key last year. This is a great loss of a friend and active member of the chapter. He gave of his time, most recently as the treasurer for 3 years, and his dry humor enlivened our monthly meetings. Of the old school, Dave was a ham builder as well as an operator. In late years, he had been constructing QRP cw rigs and enjoying that phase of the hobby. He is sorely missed.

**KG Bullock W8YDJ - President**

### Chapter 143, North Colorado

Chapter 143 enjoys weekly "mini-meetings," with Wednesday luncheons at local eating places. The people don't change much from year to year, but the place does.

Until recently we met at the Golden Corral in Ft. Collins, CO, about 60 miles north of Denver. With anywhere from 15 to 40 eaters we were welcome customers to the GC.

But recently, the restaurant elected to move its smoking section adjacent to the space we "reserved" for our meetings. So, when they switched, we switched. We now meet a half dozen miles south in Loveland's Golden Corral. To all: Join us some Wednesday. The gang begins to assemble at restaurant opening time, 11 a.m., and there are usually a few stragglers hanging around when 1 p.m. comes around. QCWA membership is certainly not required for participation, but in fact, QCWA dominates the group.

We shared in Chapter life member Don Reab's glory (KE0IU) when Loveland's local newspaper recognized his extensive activities in World War II. In a full (front) page article, the paper praised his 35 combat missions as a B-24 commander over Germany and his additional 11 ETO support missions where he drove B-24s laden with humongous (over)loads of extremely flammable aviation fuel. Don also flew B-29s in Korea and later six-jet B-47s. He was awarded six Air Medals.

Chapter President, Bob Jackson, WB8NPZ, announced that incumbent officers and board members had agreed to serve another term. Beside Bob as prexy, Dick Bird, K0IRS (love that call!) is vice president, and Jim Fahnstock, W0OA, is secretary/treasurer.

February's Valentine luncheon was held at Loveland's Colorado Grill. About 40 attended with the usual camaraderie and fun. The ladies were honored for their past year of tolerance and support.

Roger Cozens, W0DWE, donated a mint SBE-33 for auction. The diminutive mobile/base transceiver was "stolen" by Gux Fox, W0EE (imagine his call on cw), for a donation of \$10! How times and values change.

Summer picnic plans were announced: Date and time — Sunday, July 18th, 11 a.m. to 1 p.m.; Place Shelter 7 at Ft. Collins' City Park. Food: Catered BBQ pork and chicken. Everybody's welcome, but reservations are encouraged.

(Secretary's note: Thanks for the carnations commemorating Connie's (W0OOP) and my 50th wedding anniversary. As of this writing, Feb. 27, they're still beautiful.)

### Chapter 146, Twin State



*Left to right: President Dale A. Sanborn W1NBI, VP Dan Truland W1YCZ, and Secretary J. Gregg Stephenson W1DGC. The Treasurer Anthony Goceliak WB2LJW was not present.*

### Chapter 154, Leo I. Meyerson Greater Palm Springs Area

Our regular monthly Luncheon saw Chapter namesake Leo I. Meyerson, W0GFQ, presented with his 70 year certificate by President George Underberger, W6WAS. Leo has had a long and colorful history with the ham radio hobby. Born in 1911, Leo just celebrated his 88th birthday. He was first licensed in 1928 as W9GFQ that was changed to W0GFQ when the zero



*Chapter namesake Leo I. Meyerson W0GFQ is presented with his 70-year Certificate by Club President George Underberger, W6WAS, at the March luncheon meeting.*

call district was formed in 1945. Leo served as a national QCWA Director for 14 years. It was during this period that he started the QCWA Scholarship Program with his initial \$500 contribution. He has been married to Helen some 66 years. He started the Wholesale Radio Labs in 1935 and changed the name to World Radio Laboratories when he started manufacturing

transmitting crystals during WW II. He lives in Omaha, Nebraska, where he initiated the Amateur Radio section of the Heritage Museum, in the summer, and in Cathedral City, during the winter. Leo was named Ham of the Year at the Dayton Hamvention in 1997.

Our new President livens things up in the Chapter with good monthly programs, and this month, with a field trip. Last month our speaker was Don Guy, KC6WLF, RACES Chief for the Coachella Valley, and he brought us up to speed on the various facets of the emergency communications program here in the valley.

There is some talk about moving our meeting place so be sure to check with Prez George, W6WAS, 760-360-2152, or me, Don, W6EEN, 760-345-8780 if you have not received the latest monthly newsletter.

**Don Doughty W6EEN**

### Chapter 166, Colonial

Some of our members are missing our breakfast meetings and hence have not been getting the full benefit of their membership. This is the best chance to input your ideas and where we swap stories.

Your committee is now working on our annual picnic. Jim Faries W3AOA is the chairman. Tom Johnston W3TDZ our new Board member is making his mark and has proved an asset to the Board. We also have Directors who work behind the scenes and get little public recognition but with whom we could not do without. They are Al Bubeck K3GNM, Sam Thompson K3ST, Jim Faries W3AOA, and Woody Sbei W3TTW. Speaking of people we could not do without, our Chapter salutes Jim Walsh W7LVN and Jan Hayter at QCWA Headquarters out there in Eugene Oregon - always there with prompt help when we ask.

Our luncheon on the 31st of March was held at Ludwigs Inn, Glenmore PA. The members and their ladies as always enjoyed this get together. Our speaker was Bill Fairing W1ATA and he enlightened us on radiation in the Shack.

President Tom Jones W3BED reminds everyone he would welcome your help on program sources and ideas. Give him a call.

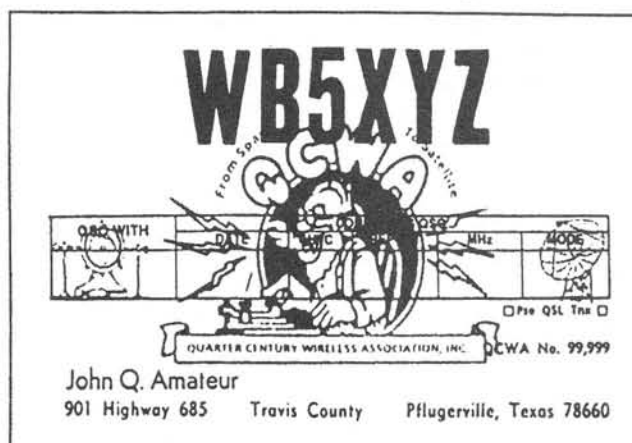
**Charlie Stouth W3ZPP**

### Ya ain't a Ham if ya think:

- Feedline is what you stand in to eat.
- Coax is something you did to your girlfriend.
- A rubber duck is a decoy.
- Propagation has something to do with reproduction.
- A radiator is something on your pickup.
- An inductor works for Amtrak.
- Mobile is a brand of gasoline.
- Volt is something you do in elections.
- 2-meters means 78.74 inches.
- 75-meters means some kinda race.



## Order Your Official QCWA QSL Cards Today...



QCWA QSL cards are USA standard size, printed on a heavy stock which is "coated" (shiny) on the logo side. Ink is a bright blue with light gray QCWA logo, and you may have your call in either solid letters (above) or shadowed (right). **WB5XYZ** Be certain to specify the letter style when you order.

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Complete in full and mail with your check to:

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## Chapter Reports

### Chapter 169, Sacramento Valley

Our monthly meetings are held on the second Wednesday of each month at LYON'S RESTAURANT, corner of Watt and El Camino Avenues, Sacramento, CA starting at 7:30 A.M. and ending at 9:30 A.M. plus or minus. We eat breakfast first, followed by the business meeting at 8:00 A.M., after which there is a speaker and/or a program of interest. Then a prize raffle is held. We usually have about 30 to 40 members in attendance. Ladies and/or XYLs are welcome.

At our February 1999 meeting we heard Kenneth Mitchell, a local computer expert, give an interesting talk on the Y2K computer "glitch" problem, where computers may not be able to recognize the correct date in the year 2000.

At our January 1999 meeting we heard two (2) talks. Gary Stillwell, KI6T, one of our members went on a DX-pedition to Saint Lucia (J69), an island in the Caribbean, along with other members of the Southwest DX Association. Norm Brooks, K6FO, another one of our members, spoke on SHARP, the Sheriff's Amateur Radio Program. The local hams assist the Sacramento Sheriff's Department in detecting and apprehending would-be criminals by parking in shopping centers and other public places, and reporting by mobile radio any suspicious criminal activity.

We had NO December 1998 meeting, because we lost our old meeting place at Lyon's Restaurant, 1000 Howe Avenue, in Sacramento, due to management's decision to use our meeting for other purposes.

All QCWA members and other Radio Amateurs are cordially invited to attend our meetings. Please call our Secretary, Bill Hendrick NS6D, or me at (916) 489-8112 or (916) 925-5858 for more info and/or instructions on how to get there. Hope 2 C U soon.

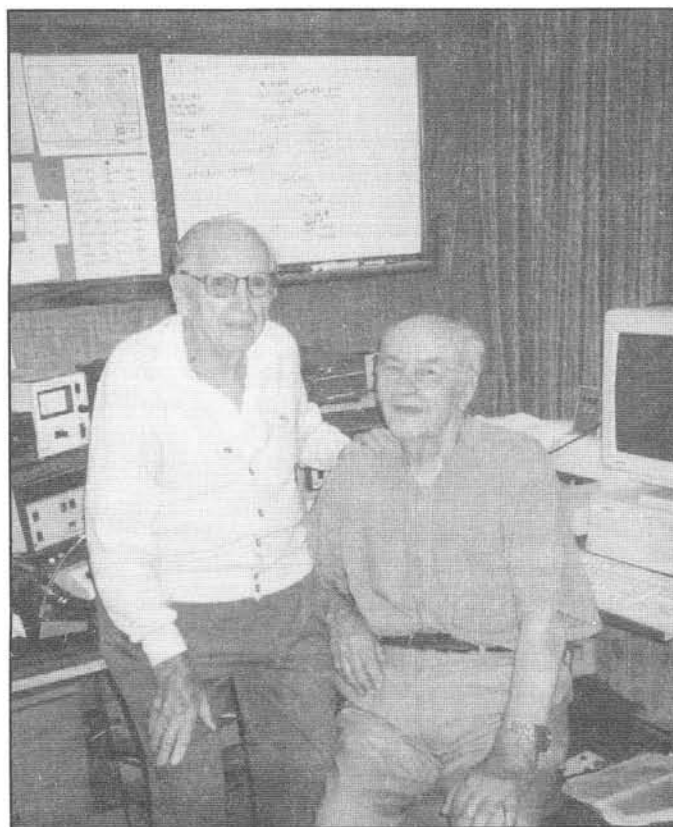
**Paul Wolf W6RLP - President**

### Chapter 174, Wisconsin Badger

#### DIAMOND ANNIVERSARY "HAM STYLE"

The date is Nov 17, 1923 when two young Amateur Radio Operators first made contact via the then seldom-used frequencies using spark gap transmitters. The time was just after midnight when, U8CWR Robert Baird (Now W9NN) and Al Kahn 9BBI (Now K4FW) held their first QSO. They were to continue holding these contacts through out their lifetime each year on Nov 17 at 1530UTC for the next 74 years. Then came their big day, Nov 17, 1998 at 1530 UTC, when they held their 75-year QSO. Al and Bob celebrated 75 years of ham friendship and QSO's, with the exception of the time during WWII, when no one was allowed to transmit on any frequencies.

Al Kahn K4FW, went on to become president of Electro-Voice retiring to co-found TenTec. In 1961 Al and W9IOP activated Vatican HV1CN for the CQWW contest. Al is the recipient of the QCWA Honor Roll award. He is a member of the ARRL, QCWA #985, OOTC #813 and FOC # 498. Al is now enjoying retirement living along a beautiful lake in Cassopolis, MI



*Bob Baird W9NN on the left and Al Kahn K4EW on the right.*

Bob Baird W9NN, went on to be Engineering Supervisor at WGN in Chicago, retiring after 36 years of service. Bob was a co-founder of W9DXCC. He is on the Honor Roll of the QCWA for outstanding service and is one of the five original Charter members. He is a member of the ARRL, OOTC #462, FOC#1 162 and QCWA #52. Bob is now enjoying retirement along side the beautiful Wisconsin River at Plover, WI.

Both "Hams" are still active on all bands and are both outstanding CW operators.

**Wayne G. Johnson K9MIF**

Letters with good intentions but with unintended interpretations - Sent to a government agency

✓ Mrs. [Doe] has not had any clothes for a year and has been visited regularly by the clergy.

✓ In accordance with your instructions, I have given birth to twins in the enclosed envelope.

✓ My husband got his project cut off two weeks ago and I haven't had any relief since.



## Chapter 188, Lost River

The Lost River Chapter 188 of QCWA meets monthly on the third Thursday at Mike & Kathy's Restaurant in Klamath Falls, Oregon. At a recent luncheon meeting the following certificates were awarded.



*President Carolyn AB7ET presents Phil Rand W7BW with his 60-year certificate. Phil was first licensed in 1938 as W1LRK.*



*Phil Krizo W6ZOF receives his 60-year certificate from President Carolyn AB7ET. Phil was first licensed in 1938 as W7GLX.*

**Carolyn AB7ET**

## Chapter 192, Puerto Rico

The web page of the Puerto Rico Amateur Radio League (PRARL) includes information in Spanish about our QCWA Chapter 192 and provides a link to QCWA's own web page. The address of the League's page is

<http://prarl.LCE.org>

Chapter members met informally during PRARL's Annual Convention in late January. The activity was dedicated to Alfredo Sambolin, KP4CI, who just after reaching age 90 obtained his 5-Band DXCC Award. "Sambo" also holds the no less difficult 5-Band WAS Award.

Former Chapter president Alicia Rodriguez, KP4CL, now residing in Orlando, FL, flies down occasionally to visit family and friends, and meet with the ham gang. Alicia was instrumental in obtaining the call letters of his late husband, Felix, KP4CK, for the new 2-meter repeater installed by the PRARL to cover the San Juan metropolitan area. The original repeater, installed by Felix in the early 70s, was the first ever to operate from our capital city.

PRARL's monthly publication "Eureka" carries a section devoted to Chapter 192 matters and general QCWA information. The Spanish language periodical won the coveted "Superior" designation, the highest award offered by the Amateur Radio News Service to the top entries among hundreds of ham radio bulletins submitted for review every year.

## Chapter 196, Edison



*Left to right: Tad Burik WA8PXL, President Chapter 196; Croft Taylor VE3CT, VP QCWA; Jan Scheuerman KJ4N, chapter secretary and Gary Harrison KØBC, President QCWA.*

**Before reading any further,  
please refer to the notice on pages 4 and 5.**

(The Management)

## Chapter Reports

### Chapter 198, Mid Sierra

This is the first (and rather overdue) report from the Mid Sierra Chapter. Our chapter was formed in June of 1997 and serves the Oakhurst, Mariposa and Northfork areas, although several of our members come from the San Joaquin Valley communities of Fresno and Madera. A number of our members previously belonged to Chapter 75, the Mid Coast Chapter in Santa Maria, but the long travel distance limited our active participation in that group. Bob Tauxe, W6JTA, was the organizing force for our chapter, and was our first president. Heath problems forced Bob to resign last year, and Chuck Alessi, W6IEG, took over the presidential responsibilities. Our Treasurer is Joanne Bentson, K6SPU, and the procrastinating, dilatory Secretary is Roger McConnell, W6VE. The chapter presently has 20 members.

Our meetings are held three times per year, usually at the Viewpoint Restaurant in Oakhurst. Our April 1998 meeting was held at a fine Mariposa restaurant, and the photo shows five of our members receiving QCWA Anniversary Certificates for more than 50 years as licensed radio amateurs. (Left to right: Bob Tauxe, W6JTA, 60 years; Jimmy Wakefield, W6PSQ, 55 years; Don Pearson, W6WWT, 50 years; Roger McConnell, W6VE, 50 years; Chuck Alessi, W6IEG, 55 years). The April '98 meeting included a tour of a Mariposa electromagnetic compatibility laboratory, CKC Laboratories. CKC President Chris Kendall, W6HCL, and Roger McConnell, W6VE, an employee of the laboratory led the tour. QCWA members were able to view outdoor test ranges used for measurements of radiated emissions from computers and other devices, and the indoor semi-anechoic chamber used for testing equipment for immunity to high intensity radiated fields from 30 MHz to 18 GHz.



*Chapter 198 Award Ceremony in 1998. Left to right: Bob Tauxe W6JTA - 60 years, Jimmy Wakefield W6PSQ - 55 years, Don Pearson W6WWT - 50 years, Roger McConnell W6VE - 50 years, Chuck Alessi W6IEG - 55 years.*

At subsequent meetings in 1998 we have been entertained by members' recitations of funny and interesting ham radio incidents from many years ago, and technical explanations of how "kilocycles" became "kilohertz". Old timers will be delighted to find out that kilocycles were generated by the typical 700 volts dc used on the plate of an 807, whereas kilohertz are generated by the 5, 12, or 15 volts typically used on solid state devices. Thanks to Don, W6WWT, for his lucid explanation of these phenomena.

Our chapter has a net, which meets (occasionally), on Saturday mornings at 7 AM on 3906 kHz (kc).

**Roger McConnell W6VE - Secretary**

### Chapter 202, Old Dominion

In December, the QCWA "Old Dominion" Chapter 202 joined with the Franklin County Amateur Radio Club for a "Christmas Luncheon" at Longview Restaurant on Route 220 south of Rocky Mount, VA.

No formal QCWA meeting was held at this luncheon. However, President Buddy Smith presented Gene Walter W2CP with his 50-year, his 55-year and his Century Award Certificates. Hardy congratulations to Gene were voiced by all present for these accomplishments. The picture shows President Smith on the left and honoree Gene Walter on the right.



*Left to right: Buddy Smith W4YE and Gene Walter W2CP.*

The luncheon was enjoyed by all in attendance and mutual wishes for Happy Holidays were exchanged. The February meeting will be in the Lynchburg area.

The meeting of QCWA "Old Dominion" Chapter #202 was held at the Old Country Buffet in Candler's Station Shopping Center in Lynchburg, VA on February 27, 1999.

The following members were present: Charlie Beckwith, K4BSF - Riley Dudley, K4ORD - Ken Post, WA8SAK - Stan Reas, K4UK - Buddy Smith, W4YE - Gene Walter, W2CP - Fred Fraley, W4DF - Larry Bouchard, KR4LY - David Nance, WB4SSE

The following Guests were present: Hunsdon "H" Cary, K4TM - Joseph "Obie" Price-O'Brien, WA4DOX - J.J. Weigand, N3AXB Michael Nance, KF4SHS - Sonya Post, N8NUL

Following a most scrumptious luncheon, the meeting was called to order by President Smith at 12 Noon. Charlie Beckwith gave the invocation. Buddy welcomed all in attendance and asked that each one present introduce themselves. Following Fred Fraley's lead, the introductions turned into "semi-life histories" of each individual's ham radio career. Due to the great fun in hearing from each amateur present, it was decided that any further "program" would be in vain.

President Smith did give an abbreviated "Officer's Report" of the past year's accomplishments of the Old Dominion Chapter. He mentioned that we should authorize our contribution to the QCWA Scholarship Fund at the next meeting. Also, he requested input as to programs for future meetings mentioning among other a tour of a local TV station.

Belatedly, President Smith asked that Stan Reas read the minutes of the last meeting. Since this was the joint Christmas Luncheon with the Franklin County Amateur Radio Club, the minutes will be minimal indeed. They were approved as read. One of our guests, J.J. Weigand signed up to join QCWA and was duly accepted into membership of the Old Dominion Chapter. For becoming our newest member of QCWA, Buddy presented J.J. with a copy of the first QST ever published. Two other guests, Joseph T. "Obie" Price-O'Brien and Hunsdon "H" Cary who are presently members of QCWA also were duly accepted into membership of the Old Dominion Chapter. Chapter membership now stands at 19.

Having digital camera in hand, Obie took pictures of each individual member present and with the aid of a waitress, a group picture was taken also. Obie said he would use these pictures in the Web Site for the Chapter which will have the address of:

**[www.vt.edu:10021/P/pob/qcwa.html](http://www.vt.edu:10021/P/pob/qcwa.html)**.

President Smith appointed Gene Walter and Ken Post as the Nominations Committee to present a slate of officers for election at our next meeting.

**Stan Reas K4UK - Secretary**

## Your Official QCWA Badge



The order blank is printed below. It comes with a standard clip and a bola clip.

**Note that you may order it with a pocket clip at an additional cost**

Bola ties are also available.

### QCWA Badge Order

Call \_\_\_\_\_

First Name \_\_\_\_\_

Last Name \_\_\_\_\_

Indicate whether you want your City/State or your Chapter name and Number as bottom line on badge.

1. City and State

\_\_\_\_\_ **OR**  
2. Chapter Name and Number

Badge..... \$7.00

Pocket Clip ( \$2.00).....

Bola Ties ( \$2.50).....

Bola tie color(circle one): Black, Blue,  
Brown, Green, Red and White.

Total Cost.....

Complete in full and mail with your check to:  
QCWA, 159 East 16th, Eugene, OR 97401-4017

**THE DEADLINE IS COMING!  
THE DEADLINE IS COMING!**



**July 1, 1999**





**Results of the 43rd Annual QCWA QSO Party**  
**Part I - March 13/14, 1999**  
**Prepared by Art Monsees, W4BK, and Don Bice, W4PCO**

Rank	Call	Name	Chpt/AL	Pts	Multi	Total
1	W5KL	LELAND	158	219	58	12702
2	W3UHP	ERNIE	6	169	73	12337
3	W4YE	BUD	202	199	57	11343
4	VE3CT	CROFT	70	151	74	11174
5	K2TVY	FRANK	138	134	65	8710
8	K8MFK	FRANK	AL (MI)	119	62	7378
7	WØGXQ	JERRY	AL (MI)	138	44	6072
8	K4HBI	MIKE	49	95	58	5510
9	VE3BNO	GEORGE	70	102	46	4692
10	W2VEX	NORM	65	103	41	4223
11	K7BZ	STAN	16	112	36	4032
12	W1ATV	WALT	149	100	40	4000
13	W2KTF	CHARLES	81	104	36	3744
14	DL1NP	BEN	106	99	35	3465
15	W9WUU	GEORGE	AL (WI)	92	37	3404
16	K6FO	NORM	169	95	32	3040
17	W9GIL	JOHN	55	100	30	3000
18	K4UK	STAN	202	92	32	2944
19	AB2N	ARNOLD	138	85	30	2550
20	W9HR	AL	162	77	28	2156
21	W4HU	JOHN	91	62	33	2046
22	W2VAE	DON	5	44	45	1980
23	VA3ZBB	ROD	70	66	26	1716
24	W2CVW	ED	138	56	27	1512
25	K5HP	TERRY	63	56	25	1400
26	K2IC	EARL	238	46	29	1334
27	WØAP	JOHN	25	47	26	1222
28	WØEBA	BYRON	62	53	23	1219
29	WA1PFC	JOHN	112	53	23	1219
30	W9RBZ	KEN	100	60	19	1140
31	W4AGI	VICTOR	202	80	18	1080
32	W1KKG	SPERRY	149	32	31	992
33	WBØBBE	SKIP	58	34	23	782
34	NA3V	JIM	203	46	17	782
35	K6QS	RALPH	14	26	28	728
36	W8QM	CLIFF	10	42	17	714
37	WØWLN	BOB	162	28	24	672
38	K2SSE	AL	AL(FL)	40	16	640
39	W4DK	DUKE	76	25	14	600
40	VE3GX	ED	70	17	32	544
41	K4ORD	RILEY	202	36	15	540
42	DLØQCW	ALBERT	106	30	14	420
43	K4PTT	DUANE	49	23	16	368
44	W2HTX	ROY	16	28	13	364
45	W9NVK	ED	162	19	18	342
46	VE4MG	MALCOLM	AL(MB)	20	16	320
47	WØODD	ED	AL(KS)	23	13	299
48	W2OD	BOB	138	17	17	289
48	KØRY	HARVEY	110	24	12	288
50	W3FVT	ELMER	AL(PA)	19	15	285
51	N4LD	LEW	195	17	16	272
52	W4YOK	TOM	AL(TX)	26	10	260

53	W4Y CZ	JACK	119	15	16	240
54	W3WM	ART	32	16	14	224
55	DF1PV	ERICH	106	32	7	224
56	W9IB	HARRY	2	20	10	200
57	KA5ENU	JACKOLYN	63	18	11	198
58	W9ZEN	JOHN	59	18	8	144
59	SP8BAB	JOZEF	NM	16	8	128
60	KE4RB	ANDREW	131	10	10	100
61	N2HGI	LAURA	NM	9	11	99
62	W3TFA	STAN	23	13	7	91
63	WA3RBK	KEITH	203	8	10	80
64	W1BCV	CHARLES	134	8	10	80
85	W1NFG	DON	149	15	5	75
66	W6IST	AL	7	12	6	72
67	WB2CJE	HAROLD	138	7	9	63
88	W2WW	AL	AL (NY)	12	5	60
69	NS3O	GEORGE	6	7	7	49
70	W3SVJ	NATE	6	6	8	48
71	W3TZW	ROY	6	12	3	36
72	WD9DJD	PAUL	2	5	5	25
73	W9NN	BOB	174	5	5	25
74	W6RLP	PAUL	169	2	2	4
75	WA9JMO	LAWRENCE	162	2	2	4

#### Top Five QCWA Member Participants

1. W5KL LELAND SMITH
2. W3UHP BERNIE BAUR
3. W4YE BUD SMITH
4. VE3CT CROFT TAYLOR
5. K8MFK FRANK WARSALLA

#### Top Five Non-QCWA Member Participants

1. SP8BAB JOZEFJEWSTAFJEW
2. NN2HGI LAURA CLANTON

#### Top Five Novice Class Participants

None Submitted

### Answer to Quiz from Heck

The photograph was taken in the WGN studios in Chicago in the late 30's. On the left is our own Robert Baird W9NN, one of QCWA's founding fathers in 1947. Robert was a member of the engineering staff of WGN. On the right is a young Perry Como who was appearing weekly on the Ted Weems radio show that originated from the WGN studios. The Ted Weems show was fed to 585 stations throughout the United States and Canada on the Mutual Network.

ESTABLISHED 1947



COMMUNICATED BY  
WIRELESS 40 YEARS AGO?

JOIN OOTC !

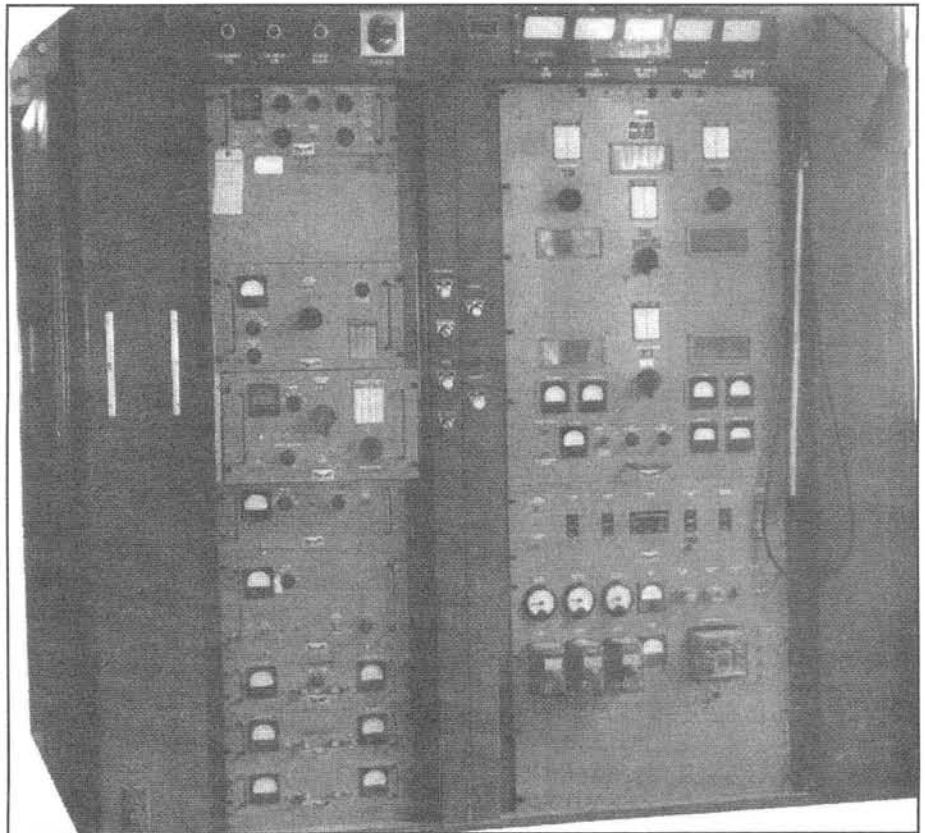
THE OLD OLD TIMERS CLUB  
3191 DARVANY DR  
DALLAS TX 75220-1611  
PH: 214-352-4743  
FAX: 214-352-5014

# WCC LIVES ON!

by Ray Minichiello, PE, (W1BC)

The Guglielmo Marconi Foundation and Museum in Bedford, New Hampshire has just received a donation from MCI International, a 20 kW RCA T-3 transmitter, together with related equipment from the Cape Cod site of WCC and WIM, located North and South Chatham, Massachusetts. Among the treasures are file cabinets containing station records dating back to 1919, copies of internal and external correspondence, together with cartons of station operator recorded daily log sheets.

The original Marconi station at South Wellfleet, on Cape Cod was built in 1903 on the water's edge, but in time the ground on which the building was located, suffered the ravages of beach erosion. Consequently, the building was demolished. The U.S. National Park Service built a pavilion to memorialize the very spot of the original Marconi site where the first trans-Atlantic transmission was accomplished between Cape Cod and Poldhu, England in January 1902. Although the North and South Chatham sites are at water's edge, they are on high ground. When the North Chatham station was first occupied, it housed receiving equipment only. The transmitter was located at Marion, Massachu-



*RCA 20-kW Transmitter Model T-3 in the Cape Cod Room*



*The pavillion built by the U.S. National Park Service at Eastham, Cape Cod dedicated to Marconi*

setts about 30 miles West. The very best available transmitter of the period was installed at Marion, consisting of a 150 kW Marconi timed-spark C.W. transmitter. Great

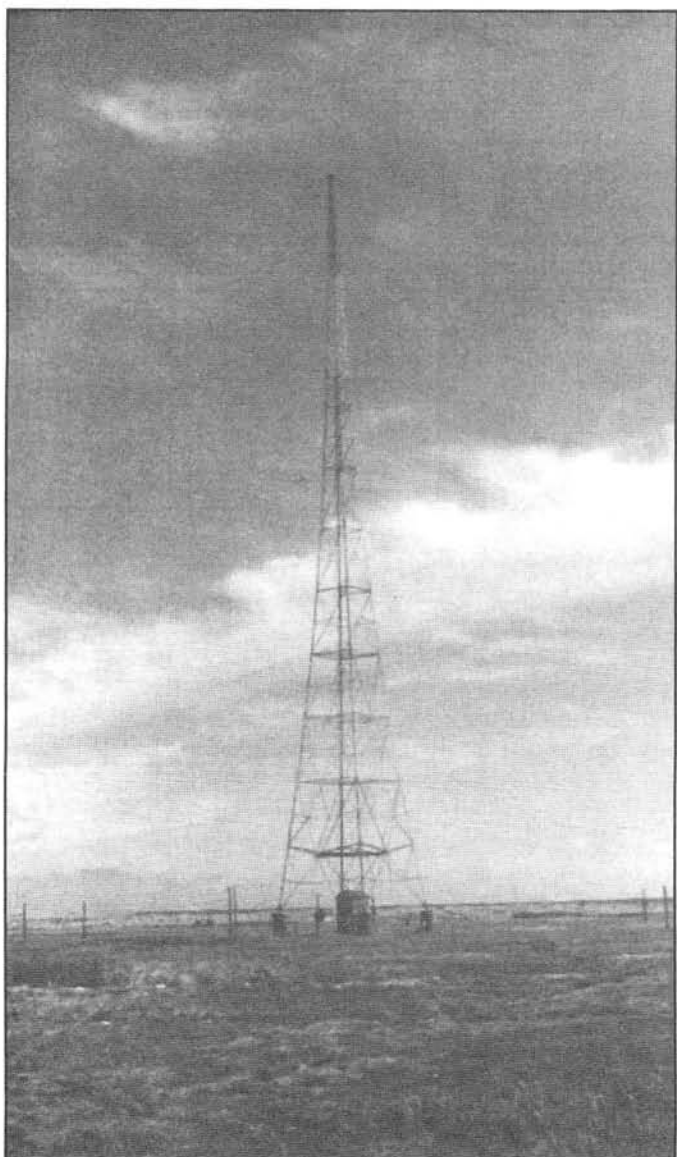
separation of transmitter and receiver stations in the early years was essential for duplex operation. The transmitters were later transferred to South Chatham, only a few miles from the receiver station.

A most significant recovery from the North Chatham station is the "Marconi Wireless" sign, (see photograph) that was once posted at the road entrance of the property. From records and implication of dates, the sign is of the vintage 1916 or earlier. The magnificent sign was discovered in the basement of a building where it languished all these years following its removal from the road entrance when the United States Navy assumed possession of the facility just before World War I. The stations later reverted back to Marconi after the War for a brief period, but was then absorbed by the newly formed Radio Corporation of America in 1919. RCA Global Communications successfully operated the stations until its assets were purchased by MCI International in 1985 but not long after, MCI ceased operations of the Chatham stations in favor of satellite communications. The "Marconi Wireless" sign, measures about 7 ft. long and 3 ft. wide with letters painted on an enameled



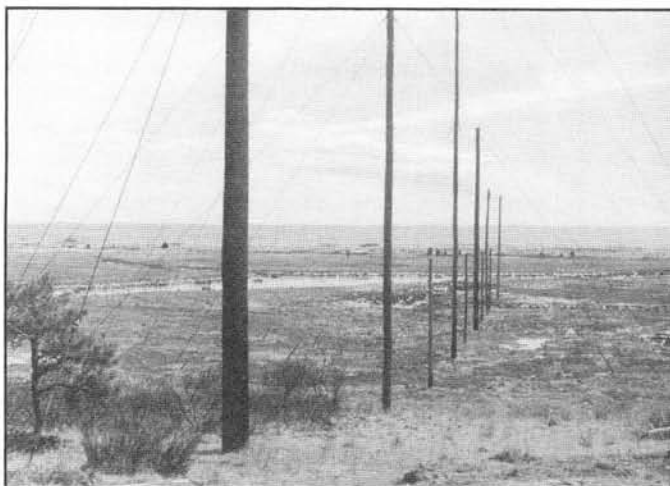


*The "Marconi Wireless" sign, originally posted at the road entrance of the property. Ray Minichiello W1BC, the author, is on the right.*



*The last of the Marconi Towers at South Chatham just before it was dynamited.*

sheet metal base, is already mounted above the entrance to the room being prepared as "The Cape Cod Room". In this room will be exhibited the RCA 20 kW transmitter, the operator's table with the "big" key, all the accessories and an old Model 14 Teletype. The receiver section too, will be duplicated to include the receiver, table mounted relay rack with a variety of controls, panel switches and a second Teletype in the recess of the table. The room will be the haven for artifacts such as early wireless components associated with the Cape Cod stations, wall mounted photographs and the original FCC Station Licenses. In this room, Cape Cod is preserved.



*All that remained of the Antenna Farm at Chatham Mass. - just before demolition.*

Members of Q.C.W.A. and friends are welcome to visit the Marconi Museum, open each day 10:00 A.M. to 4:00 P.M., except Monday. On display is early Marconi equipment such as a spark transmitter built in 1898 at the Hall Street Works, Marconi's first assembly plant in Chelmsford, U.K. Radios are displayed in progression from early battery sets to the latest, including cellular telephones. The visiting radio amateur is welcome to sit down to operate a fully equipped station, W1FGM, (Fondazione Guglielmo Marconi) to relax and enjoy.

**For further details, please contact:**

**Tel:** 603-472-8312

**FAX:** 603-472-3622

**Ray Minichiello, P.E., (W1BC)**

**e-mail:** [raymin@marconiusa.org](mailto:raymin@marconiusa.org)

**The Guglielmo Marconi Foundation, U.S.A., Inc. & web site:**

**<http://www.marconiusa.org>**

**The U.S. National Marconi Museum  
18 North Amherst Road  
Bedford, NH 03110**

## QCWA Welcomes New Members

DATE	MEMNUM	NAME	CALL	CITY	STATE	SPONSOR	SCALL
12/29/98	29708	CARPENTER, RONALD	W1VU	BRANDON	FL	ADEN J KEELE	K2SN
01/01/99	29709	WOODSTOCK, JOHN	K1DWU	SELDEN	NY	-	-
01/01/99	29710	ANDERSEN, DAVID R	K0RX	OLON	IA	-	-
01/01/99	29711	ROCHELLE, JERRY L	K5QM	ALTUS	OK	-	-
01/04/99	29712	CROSSLAND, ROSS S	W5NV	AUSTIN	TX	-	-
01/04/99	29713	FRIEDLEY, DAVID P	W7VHM	SUNRIVER	OR	-	-
01/04/99	29714	ELTZROTH, EDITH E	KM4JP	PAISLEY	FL	ROGER HARPER	W9JRY
01/05/99	29715	TURNER, LARRY M	K6RHA	GRASS VALLEY	CA	-	-
01/06/99	29716	KIMBLE, LEWIS F	KE2GG	LIVINGSTON	TX	HAROLD L VAN DYKE	KD2PH
01/06/99	29717	LYNCH, GENE K	WA7ZRA	BOULDER	MT	-	-
01/07/99	29718	JOSEPH, JOHN HENRY	K3ISR	ARLINGTON HTS	IL	-	-
01/08/99	29719	ANDERSON, DENNIS E	WA6TMY	HEMET	CA	-	-
01/11/99	29720	BARTHOLOMEW, FRED	K2EFA	LIVE OAK	FL	B D BENNETT	K4MR
01/11/99	29721	KETTLES, DOUGLAS	VE3BLX	RICHARDS LANDING	ON	FRANK V C YATES	K2DZS
01/11/99	29722	RHEIN, CLARENCE RAYMOND	K4HXC	PFAPFTOWN	NC	HARRY G ELWELL JR	N4UH
01/12/99	29723	COX, DEAN J	NR7K	ST GEORGE	UT	JOHN HUNT	K7XE
01/12/99	29724	STEIN, MICHAEL J	WB9NOO	FT WAYNE	IN	LEW MC COY	W1ICP
01/14/99	29725	ADMIRE, MARTIN CREEL	KB0QZ	CENTRALIA	MO	-	-
01/14/99	29726	ALLEN, MARK S	W8MA	VISTA	CA	-	-
01/14/99	29727	BILLINGSLEY, SAMUEL III	AE4GX	ATLANTA	GA	BOB LEAL	K4SZ
01/04/99	29728	HODGES, MICHAEL R	K5EHM	NEW BRAUNFELS	TX	DAVE PAVEL	W7YP
01/14/99	29729	MURRICANE, PETER K	WB2SGT	NEW YORK	NY	-	-
01/15/99	29730	URQUHART, PERLEY A	N1YK	ELLSWORTH	ME	-	-
01/15/99	29731	MARTIN, SCOTT W	VE3SZ	OTTAWA	ON	-	-
01/15/99	29732	EK, ARTHUR	KK4NG	LEESBURG	FL	-	-
01/15/99	29733	FLEIG, WILLIAM HENRY	W1VVO	NORTH BERWICK	ME	HAROLD CHASE	W1EES
01/15/99	29734	PERRINE, SPENCER B	K6TOL	WALTERBORO	SC	F B ASHLEY	K4MFU
01/19/99	29735	BLISS, EDGAR THOMAS	K8ENS	ELIDA	NM	GENE NAILON	K5DLE
01/19/99	29736	RUSSELL, MICHAEL E	K8RSU	MAUMEE	OH	BERNARD FINE	WD8C
01/19/99	29737	STENULSON, G M	N7PAR	WORDEN	MT	-	-
01/21/99	29738	HERMAN, STEVEN L	K7USJ	HENDERSON	NV	-	-
01/22/99	29739	BROWN, MICHAEL H	W8DJY	MIDDLETONW	OH	-	-
01/22/99	29740	CONLEY, ROBERT A	WB0LYU	OMAHA	NE	-	-
01/22/99	29741	RADER, JERRY D	W5UGM	OKLAHOMA CITY	OK	GENE NAILON	K5DLE
01/25/99	29742	BOSTON, AL V	WA8PKC	OBERLIN	OH	ROCKY ZIMMERMAN	W8UYN
01/25/99	29743	HANSON, KEITH J	K1KH	WORCESTER	MA	-	-
01/25/99	29744	REISER, JOHN E	KB2CB	WEST HEMPSTEAD	NY	MARTIN P MILLER	NN2C
01/25/99	29745	RICH, ROBERT H	WA6PWA	JULIAN	CA	-	-
01/25/99	29746	WOLFE, SAM	NV8L	CLEVELAND HTS	OH	ROCKY ZIMMERMAN	W8UYN
01/28/99	29747	NEAL, FRANK R	N8FN	STILWELL	KS	-	-
01/28/99	29748	STEPHENSON, DONALD D	WA5SME	DEL CITY	OK	GENE NAILON	K5DLE
01/29/99	29749	BLOCHINGER, NEAL A	W4LKL	MARIETTA	GA	-	-
01/29/99	29750	FRESH, DONALD EUGENE	W6PPW	MARINA	CA	-	-
01/29/99	29751	HINDS, GEORGE E	N8CIX	COLORADO SPRINGS	CO	ROBERT SIMMONS	W8HFE
02/01/99	29752	FOLKMAN, JOHN R	K8GBH	CLEVELAND	OH	ROCKY ZIMMERMAN	W8UYN
02/01/99	29753	JENKINS, ALBERT W	W1LRWB	NANTUCKET	MA	-	-
02/01/99	29754	GREGORY, STEPHEN J	WA6FEJ	MONROVIA	CA	-	-
02/01/99	29755	LATIMER, WILLIAM C	WA4DDH	SHREWSBURY	MA	BOXBORO	-
02/02/99	29756	LINCK, WILLIAM B	W3IHZ	BERRYVILLE	VA	JOHN C KANODE	N4MM
02/02/99	29757	MC COMBS, RONALD	WA7ONE	FT LUPTON	CO	-	-
02/02/99	29758	UHTE, JERRY NORMAN	K9UT	RICHMOND	IN	-	-
02/03/99	29759	SABO, ERNEST J JR	KB7NU	BOTHELL	WA	-	-
02/04/99	29760	INGRAM, SANDRA W	WB4OEE	BIRMINGHAM	AL	-	-
02/05/99	29761	BURTON, WILLIAM D	K8ZZO	PALM SPRINGS	CA	BART SUSMAN	K6UNR
02/05/99	29762	GOOCH, JAMES L	NA3V	HUNTINGDON	PA	BILL BLAZINA	W3XS
02/08/99	29763	CRONAN, WILLIAM S III	N6SE	KINGMAN	AZ	-	-
02/08/99	29764	MONFORE, RAY G	N7CFF	EAGLE RIVER	AK	JIMMIE J TVRDY	KL7CDG
02/08/99	29765	HOLLIS, ARNOLD L	KK4VH	PORTSMOUTH	VA	-	-
02/08/99	29766	RENNOLET, ROBERT A	W9AEX	OMAHA	NE	-	-
02/08/99	29767	SMOTHERS, STEVE	W9DX	CYPRESS	TX	-	-
02/08/99	29768	SWIDERSKI, GLENN	W7GS	BUFFALO	WY	MORRES P MORGENSEN	W7MW
02/10/99	29769	SWAYZE, MARIE Z	WA3SQM	PAOLI	PA	-	-
02/10/99	29770	SWAYZE, RICHARD A	K3ECV	PAOLI	PA	-	-
02/10/99	29771	HAAKER, DONALD R	WA1AIC	W YARMOUTH	MA	-	-
02/10/99	29772	MORALES-TIRADO, R O	KP4AOC	RIO PIEDRAS	PR	MIAMI	-
02/10/99	29773	PEARL, JON E	W4ABC	ST PETERSBURG	FL	MIAMI	-
02/10/99	29774	SHERMAN, ROBERT W	K2SJP	TAMPA	FL	MIAMI	-
02/11/99	29775	CONRAD, JAMES R	KQ7B	KUNA	ID	LARRY PHILLIPS	W0FP
02/11/99	29776	JOHNSON, JOHN D	K0IBS	CHESAPEAKE	VA	CHARLIE CHAPMAN	W1WTG
02/11/99	29777	WEIR, FREDERICK V	W2UR	LANCASTER	NY	LARRY RYBACKI	WA2ARA
02/12/99	29778	SMITH, LLOYD L	WA9NLA	PORT CHARLOTTE	FL	-	-
02/12/99	29779	WOODS, WALTER A	W0KUX	EAGLE BUTTE	SD	FRANK SHAW	NU0F
02/15/99	29780	BATES, THOMAS L	AA1NZ	LACONIA	NH	-	-
02/15/99	29781	DAVIS, FLOYD E	WA2SDI	CENTRAL ISLIP	NY	-	-
02/15/99	29782	HARGENRADER, JAMES R	WJ4P	SUMMERVILLE	SC	GLENN LITTLE	WB4UIV

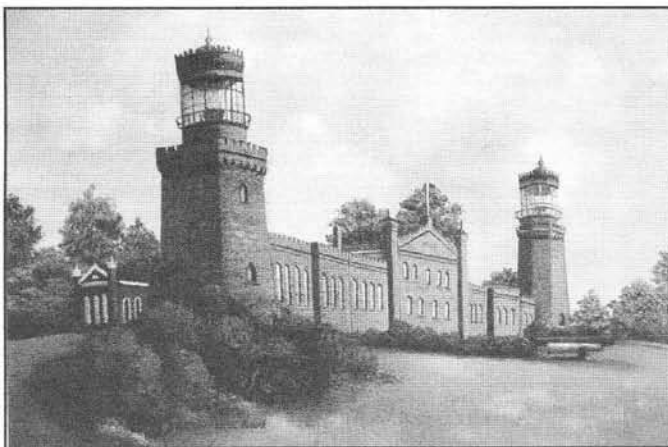
02/16/99	29783	KEIM, JACOB	KE4IM	PUNTA GORDA	FL	SARASOTA	
02/16/99	29784	NIEMOTH, EARL J	W9GCH	SARASOTA	FL	SARASOTA	
02/16/99	29785	VANGSNESS, CARL	W0CV	BRADENTON	FL	SARASOTA	
02/16/99	29786	CLOUGH, GERALD L	WB5JEO	LOCKHART	TX	-	-
02/16/99	29787	HORNER, JACK	WB8EQR	WYTHEVILLE	VA	-	-
02/18/99	29788	CARROLL, VICTOR V J	VE7AVC	CHASE	BC	-	-
02/18/99	29789	FANT, DAVE	WB5FWE	MULBERRY	AR	-	-
02/19/99	29790	GOOD, ADRIAN J	KA4IRY	ELIZABETHTON	TN	J V GIESLER	W4TYU
02/19/99	29791	JACOBS, MARY CHRISTINE	WB5TWK	ORANGE PARK	FL	JOHN EDEL	K8LBZ
02/19/99	29792	BERMAN, DAVE	WA2PAY	ST AUGUSTINE	FL	JOHN EDEL	K8LBZ
02/19/99	29793	HARRELSON, RICHARD M	WB4ULT	ORLANDO	FL	JOHN EDEL	K8LBZ
02/19/99	29794	MENEFEE, JAMES W JR	WA4KKY	GREEN COVE SPNGS	FL	JOHN EDEL	K8LBZ
02/19/99	29795	THURSTONE, FREDRICK L	W4UXI	KISSIMEE	FL	JOHN EDEL	K8LBZ
02/22/99	29796	JEFFREY, WILLIAM B	VE3PTM	KINGSTON	ON	JOAN POWELL	VE3ZC
02/22/99	29797	WEMMER, RUSSEL	W9MXJ	SEDAN	KS	WENDELL WILSON	W0TQ
02/23/99	29798	BAKER, BERNARD B	WA0BHM	TRENTON	NE	JOHN MC KINNEY	W0AP
02/25/99	29799	COYER, ANN E	WB2YXK	BRADENTON	FL	FRANK J SCHWAB	W8OK
02/26/99	29800	STADLER, PAUL C	W8PMQ	LEXINGTON	KY	-	-
02/26/99	29801	TROXEL, DOUGLAS R	WB7BVT	KIRTLAND	NM	-	-
03/01/99	29802	GORDON, THOMAS C	WW8D	BLUEFIELD	WV	JOSEPH V GARDNER	K7CI
03/01/99	29803	KLUDT, JOHN R	N9ENG	DULUTH	GA	BOB LEAR	K4SV
03/01/99	29804	MILLER, BRIAN	K9RA	WHEATON	IL	FRANK SCHWAB	W8OK
03/01/99	29805	MILLR, JAMES W	WA2UMP	WHITE PLAINS	NY	-	-
03/02/99	29806	HOWELL, JOSEPH E JR	K4ZEL	CHARLESTON	SC	ED HOWELL	W4SOD
03/03/99	29807	BROOKE, MICHAEL H	VE6XUK	EDMONTON	AB	ROY HEARSUM	W8PR
03/04/99	29808	MASSIE, CHARLES WARREN	K7NHP	DAYTON	NV	T J MUNCEY	W7DIK
03/04/99	29809	PINSKER, THEODORE S	WN3BOJ	PITTSBURGH	PA	NATHAN S FIRESTONE	W3SVJ
03/05/99	29810	FREMED, GREGG	WA2QDF	HUNTINGTON	NY	H F MILATZ	W2TLC
03/05/99	29811	LIPSKY, WILLIAM M	AF2S	WHITESTONE	NY	H F MILATZ	W2TLC
03/05/99	29812	STEIN, HARRIS	KG2HO	OYSTER BAY	NY	H F MILATZ	W2TLC
03/05/99	29813	BARRERES, STEVE	K2CX	PLAINVIEW	NY	H F MILATZ	W2TLC0
03/05/99	29814	MANFRE, DANIEL	WA2NDP	RONKONKOMA	NY	H F MILATZ	W2TLC
03/05/99	29815	BALLARD, JAMES R	K4NYE	HENDERSONVILLE	NC	HARRY MILLS	K4HU
03/05/99	29816	RUNKLE, FREDERICK S	K4KAZ	BUFORD	GA	BOB LEAR	K4SZ
03/05/99	29817	WEIGAND, JOHN J JR	N3AXB	MONETA	VA	LELAND W SMITH JR	W4YE
03/09/99	29818	CLARKE, HOWARD L JR	WA4KER	ST PETERSBURG	FL	-	-
03/09/99	29819	FROEMKE, JIM	K0MHC	AUSTIN	TX	HAL HENEGAR	W5MDL
03/09/99	29820	LA MOND, KEVIN JOHN	W2TVS	WILLAIMSVILLE	NY	-	-
03/09/99	29821	PERTGEN, STEPHEN R	W2FXJ	SCHOBACK LDG	NY	-	-
03/09/99	29822	PRESTER, RICHARD	WA2IFS	WEST MILFORD	NJ	HENRY DULL	W2PHW
03/09/99	29823	ROSE, CARTER	KD6GN	WOLF CREEK	OR	-	-
03/11/99	29824	GARBER, WALTER JR	W4OVT	CASSELBERRY	FL	AL LA PETERS	W2IL
03/11/99	29825	LONGMAN, ROBERT G	WA0KGN	OMAHA	NE	DICK NEWSOME	W0HXL
03/11/99	29826	ROGERS, PATRICK F	KD5GJG	AUSTIN	TX	HAL HENEGAR	W5MDL
03/12/99	29827	BADE, CLIFFORD E	W8CJB	OLMSTED FALLS	OH	RAYMOND E WASSUM	W8SLZ
03/12/99	29828	BIXBY, JEFFREY M	W4BIX	ARLINGTON	VA	-	-
03/12/99	29829	GERBER, VINCENT JOSEPH	KG2OW	FT MYERS	FL	JIM MC KEEVER	WD4DPA
03/15/99	29830	KRUSHENSKY, DANIEL J	AL7S	ANCHORAGE	AK	JIMMIE J TVRDY	KL7CDG
03/15/99	29831	SMITH, XENOPHON P JR	W0CFY	GREAT BEND	KS	WENDELL WILSON	W0TQ
03/16/99	29832	AVRUTIK, ROBERT	N1RA	NOKOMIS	FL	CROFT TAYLOR	VE3CT
03/16/99	29833	LOFSTEAD, JERRY	W3CDE	LILBURN	GA	BOB LEAR	K4SZ
03/18/99	29834	CULL, JAMES A	VE3ND	TORONTO	ON	-	-
03/22/99	29835	HABOVSTAK, STEVE A J	WA7KKN	BOUNTIFUL	UT	J GEORGE CHAET	W1RGH
03/22/99	29836	KEHR, MICHAEL A	WA8SYD	TOLEDO	OH	BERNARD FINE	WD8C
03/22/99	29837	NEFF, C ELLSWORTH SR	K4LXG	HARRISONBURG	VA	HARRY J DANNALS	W2HD
03/22/99	29838	RINEHART, JEFFREY M	W4PJW	CHURCHVILLE	VA	HARRY J DANNALS	W2HD
03/22/99	29839	ECKELMEYER, EDWARD H	K1EE	NOANK	CT	BOXBORO	-
03/23/99	29840	ECKSTEIN, LARRY T	W7YDA	ALBANY	OR	-	-
03/25/99	29841	LEWIS, JOHN H	AD4FZ	EDEN	NC	-	-
03/25/99	29842	HALL, MIKE	WB8ICN	JACKSON	MI	BERNARD FINE	WD8C
03/25/99	29843	LAWHEAD, WALTER L	KE8BQ	SYLVANIA	OH	K G BULLOCK	W8YDJ
03/25/99	29844	PARTON, JON F	KB8VQC	OREGON	OH	K G BULLOCK	W8YDJ
03/26/99	29845	FEIST, ERNEST	WA4CCP	MIAMI	FL	ART RAUCH	W4VZ
03/26/99	29846	THOMAS, WILBERT G	K4YNW	CEDAR BLUFF	VA	-	-
03/29/99	29847	CLICK, JOHN	KD8YH	LIMA	OH	K G BULLOCK	W8YDJ
03/29/99	29848	NELSON, DARVAL H	W7KNA	TUCSON	AZ	JAMES E SWAFFORD	W7FF
03/29/99	29849	BAILEY, LARRY N	W0PYA	BELLEVUE	NE	BOB CONLEY	K0GQK
03/29/99	29850	BALONIS, ROBERT M	NB3W	STATE COLLEGE	PA	-	-
03/29/99	29851	BATES, HAROLD D	KB5SXV	LAMPASAS	TX	HAL HENEGAR	W5MDL
03/29/99	29852	ELSON, JAMES	WA9OJJ	GIBSONIA	PA	-	-
03/29/99	29853	HARRIS, GREGORY	WB9MII	PARK FOREST	IL	G SWIDERSKI	W7GS
03/29/99	29854	JARECKI, JAN A	WB2FXV	EAST AURORA	NY	BOB ROONEY	W2AET
03/29/99	29855	KNOPP, WILLIAM S	WA9ERC	MERRITT ISLAND	FL	ART GREENE	K4DQC
03/30/99	29856	MORGAN, ROBERT A	KA0FTA	RAPID CITY	SD	CHAPTER 102	-
03/30/99	29857	STONER, CLARENCE E	AB0IJ	GRAND ISLAND	NE	JOHN MC KINNEY	W0AP



# Sparks from Twin Lights ignite History

by Bernie Ricciardi, WB2EJT  
Marconi Chapter 138

On top of a bluff in the Highlands, NJ overlooking Sandy Hook and the Atlantic ocean is the site of the Twin Lights Lighthouse used by many ships since 1828 to navigate the waters into New York Harbor. On a clear day one can see over 25 miles across to New York City and out to sea. This is the location where the marvel of wireless telegraphy was first introduced to America by 25 year old Guglielmo Marconi. The events that transpired in September and October of 1899 on the hills of the Navesink Highlands, opened up the world to radio communications.



*Painting of Twin Lights Lighthouse by Lola Adolph, Atlantic Highlands, NJ*

During the period of 1887-88, Marconi performed many 'spark' transmission experiments to demonstrate the value of wireless telegraphy via Hertzian waves. In England, Marconi demonstrated the practicality of wireless transmission in Morse code between two docked ships at a distance of 4 1/2 miles. Sir William Preece, Chief Engineer of the General Post Office in England, after intensive evaluation said "...enough has been done to prove it's (wireless telegraphy) value and to show that for shipping and lighthouse purposes it will be a great and valuable acquisition (for the British Navy)...". In Italy, the Italian Navy conducted wireless tests aboard a cruiser and a battleship in motion and succeeded to distances of 2 1/2 to 11 miles depending on the antenna height used. Needless to say, Marconi was elated with his success and he anticipated a large maritime market. He was issued his first patent (#12039) on July 2, 1897 by the British Patent Office. Based on this patent he immediately established 'The Wireless Telegraph and Signal Company, Ltd.' to produce wireless equipment components such as Righi spark gaps, coherers, sensitive polarized relays, induction coils, antennas and other parts.

The year of 1899 saw the establishment of wireless communications across the English Channel, and on March 17th the first actual rescue at sea occurred. When the invitation came from the NY Herald to provide live reporting of the New York Yacht Club's America's Cup challenge race off Sandy Hook in October 1899, Marconi was ready to come to America and was confident of success. The races were between the "Shamrock" of Sir Thomas Lipton, of the Lipton Tea Company, and the "Columbia" of J.P.Morgan, American financier and NYYC Commodore. The NY Herald was looking for first class publicity that only Marconi could create.

Marconi arrived in New York on September 21, 1899 to a

wild reception. To reporters sent to meet him at the dock, he had a prepared statement, half-confident, half-defiant. It said, "We will be able to send the details of the yacht racing to New York as accurately and as quickly almost as if you could telephone them. The distance is nothing, nor will the hills interfere." Once unpacked, Marconi immediately went to work setting up wireless stations onboard the new ocean-going steamer "S.S. Ponce", on which Marconi spent much of his time, and the "S.S. Grand Duchess". At Twin Lights, a

wireless station with a direct telephone line to the Herald in NY City was established. Antennas were erected to heights of over 100 feet. He also arranged to have current NY Stock Exchange price quotations transmitted from New York to the many guests onboard the steamships.

Before the races could begin off Sandy Hook, Marconi was asked to report on the early triumphant return of Admiral George Dewey and his fleet to New York from his victorious Battle of Manila Bay in the Spanish American War. On September 30, 1899 the first wireless telegraphy messages via Morse code were sent to report on the progress of the fleet. These transmissions were the first demonstrations of practical wireless telegraphy in American history. On October 3 the first of 13 America's Cup races began. The races themselves were rather tedious events to report because "the winds were light and fickle" and the race merely "drifted" along. But, during the races Marconi had an opportunity to send a report of an accident at sea right after it had occurred. Other information flashed to the Herald reported the safe sighting of a lost vessel that had been falsely rumored to have sunk. The advantage of ship-to-shore communication was quickly realized. The Herald and the general public were impressed. Onboard the "Ponce", a US Naval Observer stated "Marconi passed the stage of uncertainty - this was sure to be adopted at sea". Subsequent to these activities, the Marconi equipment was rigorously tested on US naval vessels. This led directly to demonstrating the incalculable value of wireless telegraphy and the subsequent requirement for installing "Marconi's" on all commercial and naval vessels. Many timely rescues at sea resulted, the most famous being the 705 survivors of the Titanic.

Now 100 years later, the QCWA Marconi Chapter 138, (which now has a station call of WA2GM to honor Marconi), is coordinating the activities of Amateur radio clubs (GSARC/

*Continued on page 54*

## Chapters on the Air

NO	NAME	DAY	NC	FREQ			
	SO CALIF CW	SUN	W6WHM	7034	81 LONG ISLAND QCWA	SUN	W2TLC 3917
	FL SSB	SAT	W4NWF	3955	85 ARK-LA-TEX	MON	VARIES 146.67
	QCWA SSB	SUN	varies	14347	87 EVERGREEN	SUN	VARIES 3984
	FL SSB	WED	W4NWF	7274	89 PALMETTO STATE	SAT	W4DNR 3930
	NE REGIONAL	SUN	W2AUF	3917	89 PALMETTO	SUN	VARIES 3695
	QCWA CW	WED	varies	7035	91 VIC CLARK	SUN	VARIES 146.79
1	CLEVELAND	WED	W8NZD	146.88	92 NORTHERN LIGHTS	SUN	KL7CDG 146.97
2	CHICAGO AREA	THU	W9MOL	147.15	94 ROADRUNNER	WED	WB5YYX 146.72
4	NORTHWEST	SUN	W7PN	3952	95 EASTERN NY	SUN	W2CJO 3900
4	NORTHWEST	SUN	W7PN	3650	96 GATEWAY	SAT	W4KGT 3937
5	DELAWARE VALLEY	SUN	W2EEQ	3917	102 DAKOTA	SUN	VARIES 3889
6	PITTSBURGH	SUN	W8CSU	147.03	105 MIDDLE TN	THU	VARIES 146.91
7	SOUTHERN CA	SUN	W6ZRZ	145.73	106 GERMAN	TUE	DL1MEB 3573
7	SOUTHERN CA	SUN	W6WHM	3917	106 GERMAN	MON	DL0QCW 3669
7	SOUTHERN CA	SUN	W6WHM	3695	107 CENTRAL FL	SAT	W4LHP 7243
8	UPPER MIDWEST	SAT	W0KHG	3877	107 CENTRAL FL	THU	W4LHP 14245
9	SOUTHWEST OH	SUN	K8YPD	3987	108 BEAVER STATE	WED	W7LVN 3926
10	MI	SUN	VARIES	3903	109 BATON ROUGE	SUN	VARIES 146.79
11	NORTHERN CA	SUN	WA6AFT	3907	109 BATON ROUGE	SUN	VARIES 3905
11	NORTHERN CA	SAT	W6AQR	146.85-	110 KANSAS	SAT	KA0RZO 3920
12	SOUTHEAST FL	WED	VARIES	146.76	112 YANKEE	SUN	K1JJJ 3903
14	SAN DIEGO	WED	K6QS	145.52	114 NORTH TEXAS	SAT	WA5BXH 3941.5
16	ARIZONA	SUN	W7ER	3890	120 QCWW	TUE	W3QPP 14295
17	ALLENTOWN-BETHLEHEM-	SUN	VARIES	3990	122 LAKE ERIE TRI-STATE	SUN	W3QPP 3915
19	MISSOURI	WED	KD0IR	147.15	122 HUDSON VALLEY	SUN	W2OZA 3917
20	BALTIMORE	MON	W3EE	147.285	123 LEE DEFOREST	SAT	VARIES 3940
21	CANTON OH	THU	WA8DRT	147.180	126 PIEDMONT	SUN	VARIES 3935
25	NEBRASKA	TUES	W0HXL	146.94	128 PELICAN	SAT	VARIES 145.29
25	NEBRASKA	SAT	VARIES	3982	128 PELICAN	MWF	VARIES 145.29
28	CENTRAL NY	SUN	K2MFB	3917	130 INLAND EMPIRE	WED	W6HV 1.896MH
29	FINGER LAKES	SUN	VARIES	3900	130 INLAND EMPIRE	FRI	W6HV 3862
31	READING, PA	MON	VARIES	146.91	130 INLAND EMPIRE	SAT	W6HV 3862
32	GATOR	SAT	VARIES	145.29	131 GULF COAST	TUE	VARIES 28750
33	GUNDERSON PENN-JERS.	DAILY	W3APE	3982	134 PINE TREE	SUN	VARIES 3942
35	MIDCONTINENT	THU	K0YML	146.97	135 MID-MI	TUE	VARIES 146.70
36	NORTHWEST IN	WED	N9MRS	147.495	138 CENTRAL NJ	TUE	VARIES 148.045
36	NORTHWEST IN	THU	N9MRS	3703	140 WYOMING	SAT	W7MZWV 3923
37	HARRISBURG	WED	K3IUY	147.12	141 HI-PLAINS	SAT	W5MVJ 3933
38	SAN ANTONIO	SUN	W5HRF	28650	142 NORTHWEST OH	WED	W8FO 147.27+
41	DALLAS	SUN	varies	3835	143 NORTH CO	SUN	VARIES 145.115
45	CITRUS	TUE	VARIES	147.195	146 TWIN STATE	SUN	WA1NBI 3898
46	FOUNDER'S	SUN	W2AUF	3917	149 NUTMEG	SUN	W1KHL 3923
46	FOUNDER'S	THU	W2AUF	147.36	149 NUTMEG	TU-TH	VARIES 1870
48	TREASURE COAST	DLY	KD2XD	14,176	150 DEL-MAR-VA	SUN	K3PFV 146.82
48	TREASURE COAST	DLY	KD2XD	7153	151 WILD ROSE	MON	VARIES 3747
49	PEACH STATE	WED	VARIES	145.41	154 LEO MEYERSON	THU	K6AWO 145.480
49	PEACH STATE	SAT	K4VN	3857.5	157 PONY EXPRESS	SUN	W0GGP 3955
51	TEX-LA GOLDEN TRI	MON	WA5YCW	146.68	160 UTAH	SAT	VARIES 7272
54	TYLER	MON	W5RRM	28.650	162 SOUTHEAST WI	THU	N9NBC 147.87
54	TYLER	SUN	K1ZW	3835	165 YORK COUNTY PA	WED	W3AXC 146.97
55	WI	SUN	VARIES	3985	173 GOLDEN TRIANGLE	TUE	W9JRY 147.255
58	CO	SUN	W9KRES	3905	174 WI BADGER	SUN	VARIES 146.82
58	CO	SUN	VARIES	146.67	180 FOOTHILLS/OZARK	SAT	K0DEW 3861
62	SUWANNEE	SAT	W4PFJ	3940	181 HUDSON VALLEY	TUE	WA2RRK 147.060
63	CENTRAL OK	SUN	W5AS	3856	181 HUDSON VALLEY	SUN	W2OZA 3917
63	CENTRAL OK	THU	W5AS	145.41	182 NORTHEAST TN	SUN	W4QW 145.110
64	EL PASO	SAT	W5RO	3933	183 PIONEER	SUN	W1ALL 3923
65	NIAGARA FRONTIER	SUN	W2SD	900	188 LOST RIVER	1ST W	K7RFO 146.85
67	AUSTIN	SAT	N5WU	3920	191 MONTEREY BAY	TUES	AA6T 145.70
70	NATIONAL CAPITAL	THU	VARIES	147.03	192 PUERTO RICO	WED	VARIES 146.850
73	SOUTHERN ONTARIO	SUN	VE3AGS	3773	194 HAWAII	1st S	VARIES 7088
75	CENTRAL CA COAST	SAT	W6RBB	3917	195 SUN CITY	SAT	VARIES 145.29
76	BLUE RIDGE	SAT	K4RR	3930	196 EDISON	DAILY	VARIES 147.345
77	NORTHERN NJ	THU	W2IET	147.030	196 EDISON	DAILY	VARIES 146.88
77	NORTHERN NJ	SUN	N2XJ	3917	198 MID SIERRA	SAT	W6JTA 3906
79	SUNFLOWER	WED	VARIES	146.82	199 PHIL LEIBLE	SUN	WA0XNI 3905
81	LONG ISLAND	FRI	K2YAW	146.745	203 GILBERT CROSSLEY	2 WED	VARIES 146.85

## Silent Keys

**With sadness we record the passing of these members**

NAME	CALL	MEMNUM	L	SK	CITY	STATE
REDA, M S	NOBML	17605		1998	MINNEAPOLIS	MN
DINGER, BLAINE	WOBYP	23417		1998	GALESVILLE	WI
BERNARD, E O	WOCKI	01632		1998	MINNEAPOLIS	MN
CAREY, CHARLES R	WAODXY	20217		1998	NORFOLK	NE
EDMONDS, STUART C	WOGW	07748	*	1999	LITTLETON	CO
PLANTZ, ROGER E	WA00QX	24273		1999	SIDNEY	NE
MAC ADAM, RODERICK L	WOQDN	12082		1999	MESA	AZ
ALLEN, SPENCER M	KOREC	12520		1999	MERRITT ISLAND	FL
FINDLEY, FLETCHER P	KIOU	15053		1998	EAGAN	MN
BRENNEMAN, R H	WOUQJ	11145	*	1998	COUNCIL BLUFFS	IA
FRIED, ROLLAND A	WOYMU	04081		1999	RAPID CITY	SD
ROSENBERG, MAYNARD	N1CGY	26242		1998	HOOKSETT	NH
SCHAFFHAUSER, JOSEPH J	W1CJN	19196		1999	BALTIC	CT
TITTERINGTON, JOHN	W1EOF	07521	*	1999	CRANSTON	RI
EDWARDS, RICHARD B	W1FXS	19147		1998	ELLENTON	FL
COFFIN, LESLIE A	W1IQO	06252	*	1999	NEWCASTLE	ME
MC DADE, HENRY J	W1LMU	10963		1999	WABAN	MA
EVANS, J LAWRENCE JR	W2BBK	00577		1999	ENGLEWOOD	NJ
COPPOLA, KENNETH P	N2BYM	25826		1999	BUFFALO	NY
GRANDE, PHILIP E	WA2BZE	24776		1998	BEVERLY HILLS	FL
GUZENSKI, GUZ	WB2EZU	26057		1999	HAMBURG	NY
MAICHEN, LEO WALTER	K2GFE	23902		1999	DEPOE BAY	OR
SAMUELSON, CYRUS D	W2KPR	13913	*	1998	SAN FRANCISCO	CA
FASS, HENRY E	WB2MNG	23306		1998	WANTAGH	NY
MITCHELL, SIDNEY N	W2OGM	27967		1998	RUTHERFORD	NJ
SWANSON, ELSTON H	W4GGE	26229		1998	STUART	FL
DECKER, ALTON	W2PWN	06441		1999	BINGHAMTON	NY
MATLICK, ALLAN E	W2TKU	20858		1999	SARASOTA	FL
EUBANK, R C	W3AFC	05629	*	1998	DREXEL HILL	PA
MILLAR, JAMES P	VE3AGC	16222		1998	LONDON	ON
HARBOTTLE, S GERALD	VE3AGU	23757		1999	OTTAWA	ON
BUSK, NORMAN	VE3AGW	14169		1999	CANNINGTON	ON
CARD, JEAN M	VE3CKH	17062	*	1999	TORONTO	ON
GREENE, CARLTON B JR	W3CQE	25063		1998	HYATTSVILLE	MD
BUSHELL CHARLES WILLIAM	VE3DXY	25163		1999	ELGINBURG	ON
PETSHOT, GEORGE E	K3EED	26706		1998	BETHEL PARK	PA
RITCHIE, DONALD D	W3ESI	06356	*	A996	INDIAN HEAD	MD
RINGLER, S J	W3EYN	05092		1998	READING	PA
DAVIS, HARRY	W3FDY	22557		1998	WEST CHESTER	PA
VAN WINCKEL, H S	VE3FWE	25396		1998	ORO STATION	ON
LEARN, ROBERT J	K3GOX	26226		1998	BETHLEHEM	PA
DAUGERDAS, ADOLPH G	W3GVI	13571		1998	CALIFORNIA	PA
BLACKWELL, ROBERT B	W3HVS	15616		1999	PORT ST LUCIE	FL
SHENK, ROY L	K3IPI	25566		1997	MYERSTOWN	PA
DAVIS, RICHARD G	VE3LIR	28843		1998	OAKVILLE	ON
PATRICK, EMIL H	W3MCE	07791		1998	AMBRIDGE	PA
VIENER, ARNOLD H	W3MIS	21128		1998	RANDALLSTOWN	MD
WORTH, ELMER J	KI3N	24563		1998	READING	PA
BARDSLEY, WALTER S	K3OJA	22384		1998	DREXEL HILL	PA
AKERS, FORREST D	W3PT	09109	*	1999	TEMPLE HILLS	MD
CASTNER, ROBERT J	W3RML	06887		1998	PITTSBURGH	PA
MRVOSH, MICHAEL JR	W3SQ	05023		1998	PITTSBURGH	PA
KENAS, BERTHA	W3TNP	13914		1998	WILLOW GROVE	PA
DAVIS, HOWARD A	W3VRT	12639		1998	CROFTON	MD
FELTON, L E	K4BJ	00614		1998	SEMINOLE	FL
FRICK, HENRY F	W4BN	01519		1999	ST PETERSBURG	FL
WRAY, WILLIAM M	K4BPH	26041		1999	GREENSBORO	NC
MARTIN, JOSEPH A	W4DOW	11389		1998	ORANGEBURG	SC
SARITI, ANTHONY A	W4DTO	10155	*	1999	PALM BEACH GARDENS	FL
ZINS, GEORGE J	K4EEP	20524		1998	SPRING HILL	FL
PACKSIG, WILLIAM W	K4FD	19956		1998	SATELLITE BEACH	FL
ANDERSON, C C	W4HCY	13634	*	1998	GILBERTSVILLE	KY
WEBER, LOUIS A	K4HWS	07346		1999	CLEARWATER	FL
CLARK, A C	W4IYT	04479	*	1998	MIAMI SPRINGS	FL
BOLVIN, CHARLES J	K4KQ	02978	*	1999	DELTONA	FL
PEEK, WILL W JR	W4LLS	17063		1998	ASHEVILLE	NC



DARBYSON, BEVERLY JEAN	WB4MOY	20418	1998 BUSHNELL	FL
LAXSON, ALTHEA S	KF4PR	17757	1998 HIALEAH	FL
GANSLER, KARL W	W4PSG	07946	1999 PAINESVILLE	OH
CUDAHY, JOHN T	WD4RQK	24050	1998 NORTH MERRICK	NY
DAVIS, RON W	W4SSL	28379	1998 CHAPEL HILL	NC
BRUGH, STANLEY G	WARVCK	21252	1998 ALTAMONTE SPRINGS	FL
MEINERS, WILLIAM H	W5AET	07414	1998 SAN ANTONIO	TX
MERGIST, LINWOOD F	N5CAS	20469	1998 ERATH	LA
WATSON, HAROLD L	W5DLL	27923	1999 FORT WORTH	TX
JESSUP, NORMAN P	W5EHR	08443	1999 PIEDMONT	OK
SCOTT, WILLIAM P	KC5FJ	26993	1998 WICHITA FALLS	TX
GREGORY, LOUIS M	W5FLZ	15550	1998 SHREVEPORT	LA
WHITE, JOHN R	W5IOF	13792	1998 BATON ROUGE	LA
MARTIN, FRED P JR	K5JJW	27539	1999 GROVES	TX
ROGERS, EDWARD W	W5MDU	15908	1998 EDLORADO	AR
CLOPTON, GERALD M	WA5PAC	23235	1999 AUSTIN	TX
EDWARD, ROBERT H	W5RDZ	06310	* 1999 FORT WORTH	TX
UNDERWOOD, T F	W5SBY	10440	* 1998 HALTON CITY	TX
WISE, WILLIAM B	K5VO	24120	1998 MIDLAND	TX
WASSON, KENNETH A	W5WME	17268	* 1999 AZLE	TX
YATES, CECIL F	W6AVR	10112	1999 ANAHEIM	CA
TAYLOR, CHARLES F	W6EBX	09094	1998 LEMON GROVE	CA
ONO, GEORGE K	K6FNS	21855	* 1998 OAKLAND	CA
BROWN, ORRIN H	W6HB	03553	* 1999 SAN LUIS OBISPO	CA
ALDWELL, ENID	KH6IHW	04314	* 1998 KAILUA	HI
HAYES, JAMES C	N6IMI	19845	1998 SAN RAFAEL	CA
Thomas — PACKAS, FRANCES F	K6JSN	14628	1998 RIVERSIDE	CA
STINE, MILDRED M	W6KHM	18354	1999 REDWOOD CITY	CA
JOHNSON, FRANK H SR	W6KIJ	23884	1999 RIVERSIDE	CA
BERTELLI, PETER	W6KS	08050	* 1998 SAN DIEGO	CA
HOPKINS, ROBERT S	K6MUP	15674	1998 SEBASTOPOL	CA
GERKEN, DON E	W6NKN	12175	* 1998 BREA	CA
BOLEN, LEE H	W6UP	05041	* 1999 BURBANK	CA
IRWIN, ELLWOOD R	VE6ZI	17465	* 1999 BARONS	AB
GMELIN, JEAN A	W6ZRJ	08452	1999 LOS OSOS	CA
SCHIFFERDECKER, HEINZ	DL7AC	14475	1998 KOELN, GERMANY	
SLOAT, F W	W7AHK	02987	1999 RIDGEFIELD	WA
HAMER, ELLIS K	W7BQG	02151	1999 AUBURN	WA
HARLOW, RICHARD	VE7BRH	09453	* 1998 GRAND FORKS	BC
WEBER, KEN	K7CLL	17934	1999 RIDGEFIELD	WA
SCHMIDT, FRIEDRICH O	DL7CT	12355	1998 WITZENHAUSEN, GER	
IBEY, JIM	VE7DFY	14586	1998 NANAIMO	BC
ROWE, DELMAR W	W7EDT	07545	* 1998 BLOOMINGTON	IL
WALES, MONTY	W7EVS	25807	1998 KENT	WA
WOODHOUSE, GEOFFREY A	W7FL	01223	1998 LEWISTON	ID
MORRIS, PAUL S	W7GT	04709	1998 PORTLUDLOW	WA
MARSHALL, MERLE	K7KPI	22578	1999 YAKIMA	WA
WILLIAMSON, HERBERT D	K7LYT	04058	* 1999 RENTON	WA
ANDERSON, J S	W7TVK	15505	1998 COMMERCE CITY	CO
CHAMBERLAIN, EDGAR A	W8BNS	21351	1998 SARSAOTA	FL
THAYER, JOHN W	W8EMO	01873	1999 PARMA	OH
COOK, FRANK T	W8HBG	22124	1998 TOLEDO	OH
NUCKOLS, DAMON B	W7LKH	04413	* 1998 SILVERDALE	WA
RASMUSSEN, C S	W8LKR	03953	1998 TRAVERSE CITY	MI
PASCAVIS, JOSEPH E	W8MU	09762	1998 KALAMAZOO	MI
KERBER, STAN F	W8OF	06010	1998 READING	PA
SCHOOLEY, MERLE H	W8OLC	14850	1999 ROYAL OAK	MI
FROHRING, L W	W8PMJ	05298	* 1999 NEWBURY	OH
FORD, JAMES A	W8QR	03498	1999 EUGENE	OR
PACKETT, THORNTON	W8UQY	23867	1998 WELLINGTON	OH
BYRD, CURTIS R	W8XV	24730	1999 OCALA	FL
BESSE, ELEANORE M	K8ZNC	21686	1998 TOLEDO	OH
SEPULL, JAMES HUTTON SR	K8ZRJ	20236	1998 ALPENA	MI
HOWARD, MORRIS	N9BOK	16628	1998 ARMINGTON	IL
PEEK, LEVIN J JR	W9FAW	11769	1998 OCALA	FL
KLINE, WILLIAM W	W9GWD	08859	* 1998 ELLICOTT	CO
TOMASIEWICZ, HENRY C	W8KNV	18941	1998 MUSKEGON	MI
RUBENS, N JAMES	W9MPE	05335	* 1998 JOLIET	IL
MARUCA, ANTHONY J	W9NPK	15086	1998 KENOSHA	WI
WILLE, EDWARD F	W9PWG	25368	1999 MILWAUKEE	WI

## No Muss - No Fuss 'n Cheap 2-meter Antenna

By Wayne Cooper, AG4R

I always seem to read that J-poles, ladder lines, and radials require ATUs and/or other adjustments. I have been using an antenna on 2-meters for several years that is cheap, requires no adjustments for a 1:1 SWR, radials or special installation. If you're like most hams and have some coax line lying around, you're in business.

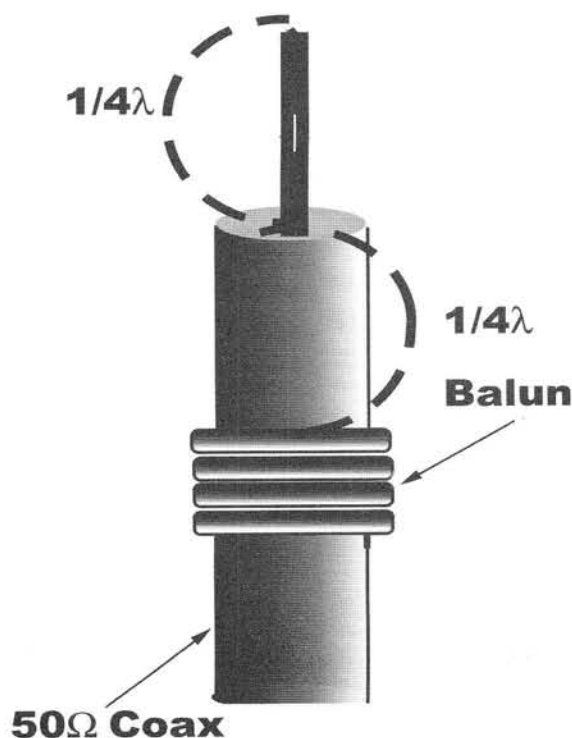
1. Take some 50-ohm transmission line (I used RG58), and remove the outer braid ~ wave down the line for the band to be used – or connect a ~ wave wire or rod to the center wire of the coax line.

2. Measure down ~ wave on the coax line and wind a small coil of five to ten turns, depending on the band, to act as a balun.

Your ~ wave antenna is ready to be installed with a SWR that is nearly 1:1 depending on where the antenna is installed.

Electrically the coax line is a 50-ohm transmission line up to the center of the coax. For the lower ~ wave of the antenna, the outside of the outer conductor is used and will not feed RF down the transmission line beyond balun.

Now that band conditions are picking up, I intend to make one of these antennas for 10M that should fit some place in or out of the apartment. I have not been on the 10M band since the band opened in the mid thirties and I was one of the first to make WAC.



## Twin Lights - Continued from page 50

W2GSA, OMARC/N2MO, and other clubs still signing up) in the NJ area to replay the October 1889 events that opened the world to radio. Special events are planned for Twin Lights (where the museum has a Marconi exhibition), vessels off the coast of New Jersey, the Marconi Wireless Telegraph Company of America station buildings on the Shark River (Belmar - Wall Township, NJ), and the Marconi Park site in the New Brunswick area. Special QSL cards, Certificates, and actual simulated spark transmission messages are planned.

October also marks the ribbon cutting ceremony for renovation of the Marconi buildings, which are rich in the history and pioneering work of radio communications. Pioneers such as Bell, Edison, Tesla, Marconi, Fessenden, DeForest, Armstrong, Sarnoff, and a host of others lived and worked in the area. These buildings will be transformed into a modern Information Age Learning Center with an adjoining college campus and recreational park. QCWA Marconi Chapter 138 is proud to support this center and to spearhead the amateur celebration activities. Look for details of the special event stations in the next issue of the Journal.

For more information contact the author:

Tel: 732-582-9259; Fax: 732-528-1177;

or by email: [bvrice@monmouth.com](mailto:bvrice@monmouth.com)

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**WANTED:** Pre 1930 Ham and broadcast, wireless/spark equipment, crystal, horns. One piece or collection. Mike Bald WD5GLW, 7637 S. Quebec Pl, Tulsa OK 74136. Ph: 918-492-7361 e-mail: RadiOMB@aol.com

**Wanted for vintage station:** baudot crypto gear (WW2 - Vietnam era), Collins radios (75S3C, KWM2A, 516F2, 32V3, etc.), Hallicrafters SX-88. Email: w5jv@amsat.org or write: Hensley, 5678 College Drive, Baton Rouge, LA. 70806. \

**WANTED:** Tube socket to display 3-500Z. Nate Williams, W9GXR; 6915 Prairie Drive, Middleton, WI 53562 or W9GXR@worldnet.att.net

**FOR SALE:** 1940s RCA studio microphone with stand, cable but no plug; Hallicrafters S-38B and S-38E receivers; Hammarlund HQ-129 receiver. All receivers work. Best offer, you pay ship. John J. D'Luhy K2EXI 115 Ludlow Avenue, Spring Lake, N.J. 07762. E-mail: 103444.376@Compuserve.com, fax 732-974-8650, home 732-974-0974.

**For Sale:** 62 foot Rohn Tower with Hy-Gain Tri band Beam, 8 element 2 meter beam, rotator and control box. \$100 and you take down KSLF, Charles Raynes, 60601 E 323 Ln, Grove, OK 74344 Phone 918-786-9656

**Wanted:** COLLINS microphones SM-1, 2, or 3, Receivers, Transmitters, KWM-2A; National NC-400; Drake DSR-2, R7; Hallicrafters SX88, SX-73, SX-115; RME-9. Steve K6PFW, 848 N. Silverwood, Upland CA 91786. Ph: 909-985-1062. E-mail: wsbarnes@eee.org

**WANTED:** Control Unit for Alliance HD-73 rotator. Martin K4VIQ, 1115 Bradford St., Rogersville TN 37857.

**WANTED** Heathkit AR-3, Mosley CM-1, GE X-371, Hallicrafters CR-3000, state condition and price. Herman Schnur 3205 Brick Kiln Rd., Greenville NC 27858. Ph: 252-752-2264.

**WANTED:** Socket, plate and grid heat radiating connectors for the 304TL tube. Want to build an amp using this fine 'ol tube and need the socket and connectors for it. Please send replies to the address in the callbook or if you are online, my address is: terry@sinclair.net. Terry, WA6MVV.

**FOR SALE:** Broadcast station Type \$150.00 Shure audio amplifier with mike inputs and build-in VU meter. Works on 110 volts ac. Bargain price of fifty dollars plus \$5 shipping. Dr. W.C. Hess W6CK, P.O. Box 19, Pasadena CA 91102.

**ESTATE SALE - W3YLI:** Kenwood TS-820S w/spkr SP520, good condition new finals. Kenwood speaker mic. SMC24. Vibroplex bug (black handles) very nice. Heathkit code oscillator. MFJ-10610 Antenna Tuner. Knight Space Scanner regenerative receiver. NyeViking telegraph key 114-310-001. J30 type telegraph keys. Irene Anderson, 2344 Brooksboro Rd., Erie PA 16510. Ph: 814-825-4856.

**WANTED:** Vibroplex bug (3-inch base) McElroy bug. B/W type JEL/Baby coils. Signal Magazines. Collins goods Johnson KW Matchbox. Brian Roberts K9VKY, 130 Tara Dr., Fombell PA 16123. Ph: 724-758-2688.

**WANTED:** Collins 51S-1, Mosley CM-1, GE X-371, Hallicrafters CR-3000, Ten-Tec 315, RX-10, Heathkit AR-3. Herman Schnur 3205 Brick Kiln Rd., Greenville NC 27858. Ph: 252-752-2264.

**WANTED:** Any radio used by OSS (Office of Strategic Services). Examples are SSR-1, SST-1 or other sets with an "SS" designation. Also want Zenith 6S222. Gary Cain W8MFL, 202 West 5th Ave., Shakopee MN 55379. Ph: 612-496-3794.

**SELL:** QST file 1955 to 1995 good condition. And SW-3 w/ power supply, coils, extra tubes and manuals. Excellent working condition. Best offer. Allen "Al" Breiner W3TI, 212 Race Street, Tamaqua PA 18252.

**WANTED:** Info on National AGS power supply. Vibroplex Zephyr. Johnson KW Matchbox. Early Collins goods. Signal Magazines. KN9VKY QSL. Brian Roberts K9VKY, 130 Tara Cr., Fombell PA 16123. Ph: 724-758-2688.

**WANTED:** Heath Antenna Tuner SA2060. Mike Kovar W2Z, 24407 S. Ribbonwood Dr., Sun Lakes AZ 85248. Ph: 602-895-4987. Fax: 602-895-4987.

**WANTED:** Heathkit Scanalyzer Model SB-620 with 455 kHz "IF". Windy Rushton W4ZAA, 6964 SW 151 St., Miami FL 33158. Ph: 305-235-7876.

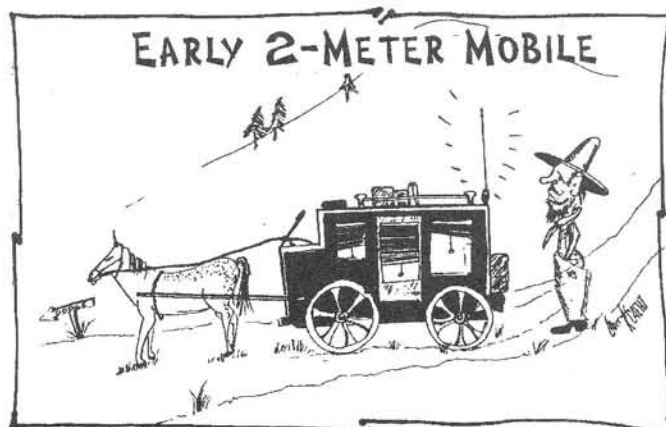
**Wanted:** Hallicrafters SR400A, HA 20 VFO, McMurdo-Silver 801, 802 receiver, Eddystone receivers. John Hurst, KU6X, 2512 Euclid Crescent East, Upland, CA 91784. (909) 981-6759 or hurstjsj@gte.net

**Wanted for vintage station:** Collins radios (75S3C, KWM2A, 516F2, 32V3, etc.), Hallicrafters SX-88, baudot crypto gear (WW2 - Vietnam era). Email: w5jv@amsat.org or write: Hensley, 5678 College Drive, Baton Rouge, LA. 70806-7217.

**For Sale:** D 104 mike, mint condition. \$40 plus shipping. K6HPA 626-441-1058 e-mail: sjantosyiii@webtv.net

Please send classified ads to QCWA Journal, 672 Indian River Dr., Melbourne, FL 32935 to arrive no later than 1 month prior to publication date. Ads may also be faxed to 800-421-3279 or e-mailed to gwentz@digital.net

Kindly limit ads to 25 words. Words are counted as follows: **WANTED, FOR SALE, FREE, etc count as 1 word; your address counts as 6 words.**





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For Office Use Only

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Date \_\_\_\_\_

First Licensed, Year \_\_\_\_\_

Deposit Record \_\_\_\_\_

**Have you been previously enrolled in QCWA?** \_\_\_\_\_

I, \_\_\_\_\_, \_\_\_\_\_  
(Please Print Name Clearly) Present Callsign \_\_\_\_\_

having been licensed as an amateur 25 or more years ago and presently holding the call listed above (it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA. I understand that proof of the original date of licensing is required. My complete mailing address is:

Street Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
I will keep QCWA Headquarters advised of changes in my address and/or callsign. My first amateur license was issued \_\_\_\_\_ Other calls held \_\_\_\_\_  
I wish to become affiliated with QCWA Chapter \_\_\_\_\_  
Date of birth \_\_\_\_\_ Birthplace \_\_\_\_\_  
Present occupation/business \_\_\_\_\_  
If retired, what was major life work? \_\_\_\_\_  
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Your signature \_\_\_\_\_

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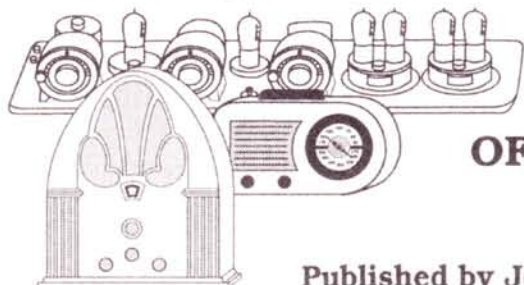
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